

Message

From: Huff, Lisa [Huff.Lisa@epa.gov]
Sent: 12/20/2018 2:20:53 PM
To: Alattar, Zaineab [alattar.zaineab@epa.gov]
CC: Forrest, Kesha [Forrest.Kesha@epa.gov]
Subject: Re: AMWA Comment Letter to EPA on Fifth Contaminant Candidate List

Ok thanks Zaineab.

On Dec 19, 2018, at 5:02 PM, Alattar, Zaineab <alattar.zaineab@epa.gov> wrote:

Hi Lisa,

Yes it is, it should be under EPA-HQ-OW-2018-0594-0013.

Thanks!

Zaineab

From: Huff, Lisa
Sent: Wednesday, December 19, 2018 4:56 PM
To: Forrest, Kesha <Forrest.Kesha@epa.gov>
Cc: Alattar, Zaineab <alattar.zaineab@epa.gov>
Subject: FW: AMWA Comment Letter to EPA on Fifth Contaminant Candidate List

Is this letter in the CCL 5 nominations docket? Please check and if not it should be added.

Thanks,

Lisa Foersom Huff

Associate Branch Chief
Targeting and Analysis Branch
Standards and Risk Management Division
Office of Groundwater and Drinking Water
U.S. EPA
EPA East Bldg. Rm. 2357 H
202-566-0787

From: Flaharty, Stephanie
Sent: Tuesday, December 04, 2018 7:01 AM
To: Huff, Lisa <Huff.Lisa@epa.gov>
Subject: FW: AMWA Comment Letter to EPA on Fifth Contaminant Candidate List

Lisa, This letter should go in the docket... Thanks!

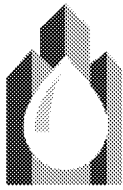
From: Campbell, Ann
Sent: Monday, December 03, 2018 3:57 PM
To: Grevatt, Peter <Grevatt.Peter@epa.gov>; McLain, Jennifer <McLain.Jennifer@epa.gov>; Burneson, Eric <Burneson.Eric@epa.gov>
Cc: Tiago, Joseph <Tiago.Joseph@epa.gov>; Flaharty, Stephanie <Flaharty.Stephanie@epa.gov>
Subject: FW: AMWA Comment Letter to EPA on Fifth Contaminant Candidate List

Ann Campbell
Chief of Staff (acting)
Office of Water

From: Stephanie Hayes Schlea [<mailto:schlea@amwa.net>]
Sent: Monday, December 03, 2018 2:25 PM
To: Ross, David P <ross.davidp@epa.gov>
Cc: Diane VanDe Hei <vandehei@amwa.net>
Subject: AMWA Comment Letter to EPA on Fifth Contaminant Candidate List

On behalf of the Association of Metropolitan Water Agencies, please find attached AMWA's comment letter submitted today to the Environmental Protection Agency regarding the Fifth Contaminant Candidate List. Please let me know if you have any questions or comments.

Stephanie Hayes Schlea
Manager, Regulatory and Scientific Affairs
Association of Metropolitan Water Agencies
Office: 202.331.2820
1620 I Street NW Suite 500
Washington, DC 20006
<http://www.amwa.net/>



December 3, 2018

The Honorable Andrew Wheeler
Acting Administrator
U.S. Environmental Protection Agency
1200 Pennsylvania Avenue, N.W.
Washington, DC 20460

Re: Docket No. EPA-HQ-OW-2018-0594, *Request for Nominations for Drinking Water Contaminants for the Fifth Contaminant Candidate List*

Dear Acting Administrator Wheeler,

The Association of Metropolitan Water Agencies (AMWA) appreciates the opportunity to comment on the Environmental Protection Agency's (EPA) *Request for Nominations for Drinking Water Contaminants for the Fifth Contaminant Candidate List* (83 FR 50364). AMWA is an organization of the nation's largest publicly owned drinking water utilities, and our members provide drinking water service to more than 156 million people. The Contaminant Candidate List (CCL) process is a mechanism that has been created to help the agency effectively determine which contaminants to regulate. AMWA strongly supports this scientific and data-driven process and believes Congress intended for it to help determine future drinking water regulations.

AMWA does not have contaminants to nominate for the fifth CCL at this time. However, the association welcomes the opportunity to give feedback on the CCL process at large. AMWA believes that EPA should focus the CCL in a way that will best utilize its limited resources and optimize its resource budget. As stated in earlier comments regarding previous CCLs, the association maintains the need for EPA to reduce the number of substances included in each CCL to better accomplish the agency's goal of accurate and meaningful regulatory determinations for currently unregulated substances. AMWA offers the following comments on various aspects of the development of CCL 5 and recommendations for the CCL process in general.

First and foremost, AMWA urges EPA to establish ways in which the agency can better focus the CCL so that it may best identify contaminants of greatest public health concern and utilize the current available staff and funding resources. The Safe Drinking Water Act (SDWA) states that the Administrator shall regulate contaminants that will provide a "meaningful opportunity for health risk reduction for persons served by public water systems" (§1412 (b)(1)(A)(iii)). EPA has maintained through previous comments that the SDWA does not limit the number of contaminants that may be included in the CCL. AMWA agrees with this assessment, but counters that it remains unclear how the agency can best accomplish the

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Phoenix Water Services

Douglas Yoder
Miami-Dade Water and Sewer
Department

William Stowe
Des Moines Water Works

prioritization of these contaminants when the list continues to grow exponentially. The size of the list more than doubled between CCL 2 and CCL 4, with 51 contaminants on the list for CCL 2, and 109 contaminants on CCL 4. AMWA therefore recommends that EPA reduce the number of substances on the CCL in order to keep the list at a more manageable level so that the agency can more effectively and efficiently prioritize the chemicals currently on the list and those that are deemed necessary to be added.

AMWA appreciates EPA's work in previous CCLs of including in the final notice a table that identifies data needs for contaminants. EPA has previously characterized each chemical contaminant by their data needs into three categories; health effects, occurrence, and analytical method. The data needs were then characterized into three groups: no data needs, specific data needs, or substantial data needs. AMWA encourages EPA to continue this process in the CCL 5 and future work in order to maintain increased transparency and clarity. Having this information available helps research organizations and institutions, that may also be working in these areas, better focus their own research priorities.

To further increase transparency, AMWA encourages EPA to expand upon the research needs table included in the final notices and to use the CCL as an opportunity to more thoroughly communicate the progress and results of research on CCL contaminants. The screening data that EPA releases for the development of the preliminary contaminant candidate list provides more detailed information and AMWA encourages EPA to continue to make these documents readily available on the agency's CCL webpage. Including this information online informs the public about the research that has been completed up to this point and could help guide other experts in deciding where to focus their research efforts. Furthermore, AMWA requests that EPA show documentation for the ongoing state of prioritization of contaminants that have been carried over from previous CCLs. This might be as simple as stating a contaminant is currently a "high", "low", or "medium" priority and including the agency's rationale behind the characterization. As with the previous listed documents, AMWA encourages EPA to provide this information online.

AMWA commends EPA for maintaining transparency throughout the previous CCL processes when utilizing expert recommendations from the National Academy of Sciences' National Research Council, the National Drinking Water Advisory Council and the Science Advisory Board (SAB). The association encourages the agency to continue to improve the transparency of CCL 5 and in future endeavors by clearly documenting when and how EPA experts or authorities outside of the agency were consulted and by making their assessments public. Similarly, while EPA does provide information on the data utilized to characterize each contaminant and the factors used for determining the viability of each data source, AMWA encourages the agency to clearly identify the reasoning for when data sources are evaluated but excluded from use, particularly in regard to sources submitted by the public during the agency's requests for nominations and data.

AMWA encourages EPA to continue to facilitate the combining of efforts between the Office of Groundwater and Drinking Water (OGWDW) and the Office of Research and Development (ORD). It is vital for the work included in ORD's multiyear strategic research action plan be in concert with the current CCL in order to best prioritize research needs and to utilize the agency's resources. OGWDW relies on ORD to perform the research needed to support its mission. AMWA encourages ORD to clearly

identify how it intends to support the CCL process. Listing contaminants on the CCL should enable all offices in EPA responsible for supporting regulatory determinations with the ability to focus precious research dollars on those chemical and microbial contaminants that are a potential health risk to drinking water consumers.

A second criterion that must be considered before regulating a contaminant listed under the SDWA is whether a contaminant occurs, or is likely to occur, in drinking water at a level and frequency of public health concern. AMWA encourages EPA to improve correlation of the CCL and the Unregulated Contaminant Monitoring Rule (UCMR) wherever possible by using the UCMR to gather occurrence data for contaminants on the CCL that have a high potential to be a public health threat but have large gaps in the occurrence data. Having more thorough occurrence data will help the agency remove contaminants from the CCL that are not likely to occur in drinking water and therefore not likely to be in need of regulation.

Finally, AMWA requests that EPA clarify the process for removing a contaminant from the CCL. In a 2016 report from the SAB where the group of experts reviewed the agency's draft for the fourth CCL, the SAB requested that EPA clearly describe the "off-ramp" process for removing contaminants from the list. This process was unclear to the SAB and is equally unclear to AMWA. If no process currently exists, AMWA urges EPA to develop a clear and concise protocol, to be reviewed by the SAB, that may be used to help the agency further prioritize future CCLs. Reiterating our comments above, AMWA feels a process of this type is critical to maintaining a more concise CCL which could be used more effectively by the agency for prioritizing research, UCMR determinations and similar usages.

AMWA appreciates the opportunity to comment. If you have any questions, please contact Stephanie Hayes Schlea (schlea@amwa.net), AMWA's Manager of Regulatory and Scientific Affairs.

Sincerely,



Diane VanDe Hei
Chief Executive Officer

cc: David Ross, Assistant Administrator for Water
Peter Grevatt, Director, Office of Ground Water and Drinking Water

Message

From: Forrest, Kesha [Forrest.Kesha@epa.gov]
Sent: 9/12/2018 4:03:19 PM
To: Perkinson, Russ [Perkinson.Russ@epa.gov]; Mushkolaj, Iliriana [Mushkolaj.Iliriana@epa.gov]; Tricas, Marisa [tricas.marisa@epa.gov]; Smith, Lameka [Smith.Lameka@epa.gov]; Alattar, Zaineab [alattar.zaineab@epa.gov]
Subject: FW: CCL5 Nominations FRN
Attachments: FRN - CCL 5 Request for Nominations.v2.docx; CCL 5_Action Information_Final.v3.doc; CCL 5 nominations background brief 9 12.docx; CCL 5 Nominations FRN.typesetting request.funded.pdf; CCL 5 Nominations transmittal memo from JM to DR_Final.pdf

FYI – Just letting you all know that the CCL 5 Nominations package has moved to the OW-Assistant Administrator (OW-AA) Dave Ross for signature.

From: Flaharty, Stephanie
Sent: Wednesday, September 12, 2018 10:44 AM
To: Forrest, Kesha <Forrest.Kesha@epa.gov>
Cc: Huff, Lisa <Huff.Lisa@epa.gov>; Tiago, Joseph <Tiago.Joseph@epa.gov>; Wadlington, Christina <Wadlington.Christina@epa.gov>
Subject: CCL5 Nominations FRN

Kesha,

Jennifer has signed-off on the package and I have delivered it to OW for Dave's signature. Attached are the most current versions.

Thanks,
Steph



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

SEP 12 2018

MEMORANDUM

OFFICE OF WATER

SUBJECT: Submission of the *Federal Register* Notice: "Request for Nominations of Drinking Water Contaminants for the Fifth Contaminant Candidate List"

FROM: Jennifer McLain, Acting Director
Office of Ground Water and Drinking Water

A handwritten signature in dark ink, appearing to read "J. McLain", is written over the "FROM:" line.

TO: Dave P. Ross, Assistant Administrator

The purpose of this memorandum is to present, for signature, the *Federal Register* (FR) notice announcing the U.S. Environmental Protection Agency's (EPA) request for nominations of contaminants for possible inclusion on the fifth drinking water Contaminant Candidate List (CCL 5). The EPA is requesting public nominations for contaminants that are not currently regulated, to ensure that contaminants that may not be typically identified as part of the EPA's CCL process are considered. In the notice, the EPA is also requesting supporting information that shows the nominated contaminants are known or anticipated to occur in public water systems and may require regulation due to the potential for adverse effects on the health of persons.

I recommend that you approve this action and sign the *Federal Register* notice. If you need additional information or have questions regarding this notice, please call me or have your staff contact Lisa Huff at 566-0787.

Attachments

Please find attached the drafts for the CCL nominations package. I have some questions for Stephanie that I have marked in the hard copy blue folder. I am not sure if there is a different template for the Peter to Dave Ross memo.

Thanks,
Kesha

Your message is ready to be sent with the following file or link attachments:

DRAFT EB to PG CCL5 Nominations transmittal memo 08-03-18 DRAFT PG to DR Nominations transmittal memo 08-03-18 fr-cover-form-CCL 5 nominations FRN CCL 5 Request for Nominations FRN_Final CCL 5_Action Information 8 3 18 disk certification letter nominations ccl 5 draft

Note: To protect against computer viruses, e-mail programs may prevent sending or receiving certain types of file attachments. Check your e-mail security settings to determine how attachments are handled.

Message

From: Huff, Lisa [Huff.Lisa@epa.gov]
Sent: 4/25/2019 6:13:45 PM
To: Burneson, Eric [Burneson.Eric@epa.gov]
CC: Albert, Ryan [Albert.Ryan@epa.gov]; Forrest, Kesha [Forrest.Kesha@epa.gov]; Tucker, Nicole [Tucker.Nicole@epa.gov]
Subject: FW: OMB SDWA process and status 4 29.NT_KF_NT.(002).pptx
Attachments: OMB SDWA process and status 4 29.NT_KF_NT.(002).pptx

Eric,

Thanks to Kesha and Nicole who prepared the SYR slides that you requested and inserted them in the attached presentation that you provided. Let us know if you need anything further on this.

Lisa

From: Forrest, Kesha
Sent: Thursday, April 25, 2019 12:57 PM
To: Huff, Lisa <Huff.Lisa@epa.gov>
Cc: Tucker, Nicole <Tucker.Nicole@epa.gov>
Subject: OMB SDWA process and status 4 29.NT_KF_NT.(002).pptx

Hi Lisa,

Please find attached the OMB SDWA slides which now include SYR info for Eric. Nicole and I both worked on these. Please let us know if you have any changes you need us to make.

Thanks,
Kesha

Kesha Forrest
US Environmental Protection Agency
Office of Ground Water and Drinking Water
Standards and Risk Management Division, Targeting and Analysis Branch
WJC East 2227 L

TEL: 202.564.3632

forrest.kesha@epa.gov

Message

From: Steve Via [SVia@awwa.org]
Sent: 12/5/2018 1:37:13 PM
To: Grevatt, Peter [Grevatt.Peter@epa.gov]; Mclain, Jennifer [Mclain.Jennifer@epa.gov]; Burneson, Eric [Burneson.Eric@epa.gov]; Christ, Lisa [Christ.Lisa@epa.gov]; Albert, Ryan [Albert.Ryan@epa.gov]; Huff, Lisa [Huff.Lisa@epa.gov]; Forrest, Kesha [Forrest.Kesha@epa.gov]
Subject: AWWA Comments on EPA CCL5 Request for Nominations
Attachments: 2018 12 04 AWWA CCL 5 Nominations Comments .pdf

Thank you for the opportunity to comment early in the current Contaminant Candidate List cycle through your recent Federal Register notice. Attached is a copy of the comment letter the American Water Works Association filed yesterday in the associated docket.

Please feel free to contact Tracy Mehan or me if you have any questions or thoughts regarding the attached letter's recommendations.

Thank you for your time and attention.

Best regards,
Steve

Steve Via
Director of Federal Relations
American Water Works Association
1300 Eye Street NW, Suite 701W
Washington, DC 20005-3314
Office 202.628.8303 | Direct 202.326.6130
svia@awwa.org | www.awwa.org

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December 4, 2018

Standards and Risk Management Division
Office of Ground Water and Drinking Water
Environmental Protection Agency
1200 Pennsylvania Ave. NW
Washington, DC 20460

RE: Request for Nominations of Drinking Water Contaminants for the Fifth Contaminant
Candidate List (Docket Id: EPA-HQ-OW-2018-0594)

Dear Sir or Madam,

The American Water Works Association would like to thank the U.S. Environmental Protection Agency for the opportunity to comment as the Agency begins to develop its fifth contaminant candidate list. AWWA has commented extensively on previous CCLs, the following comments draw from those previous submissions. AWWA's recommendations regarding CCL nominations are as follows:

1. **CCL 5 should cast a wide net.** EPA staff are correct, constructing the fifth CCL should entail an extensive search of available databases for contaminants that might meet the three decision criteria in Section 1412(b)(1)(A) of the Safe Drinking Water Act. This effort should be modeled after the search conducted to prepare the third CCL using today's much improved chemical inventories. The effort will require adequate resources to be successful.¹
2. **CCL5 should be smaller than previous CCLs.** EPA faces a loss of public confidence because it does not focus resources to support research and information collection to evaluate and act on potential risks in a timely fashion. EPA should search extensively for potential risks to public health through drinking water exposure and then through the CCL focus EPA's resources toward effective risk reduction on a manageable subset of contaminants of concern. Given EPA's resources, the final CCL5 should be much smaller than the current CCL4.^{2, 3}

¹ AWWA. 2015. AWWA Recommendations for Contaminant Candidate List 4. Available 11/16/2018 at <https://www.awwa.org/Portals/0/files/legreg/documents/2015CCLAWWAReport.pdf>

² AWWA. 2008. AWWA Comments on Proposed Contaminant Candidate List 3 (Docket ID: EPA-HQ-OW-2007-1189).

³ AWWA. 2015. AWWA Comments on Proposed Contaminant Candidate List 4 (Docket ID No. EPA-HQ-OW-2012-0217)

3. **Outside expert review is an essential step in the CCL process.** For the CCL process to arrive at an actionable list of contaminants, EPA must fully implement the CCL process outlined by the National Drinking Water Advisory Council including outside expert review of the draft final CCL.⁴ This review will be essential given (1) the need to focus very limited research funds on priority contaminants, (2) the increasing breadth of potential waters being considered as potential water supplies (e.g., brackish waters, advance treated wastewater), and (3) growing concerns regarding contaminants for which short-term exposures are potentially significant.

The outside review process used in preparing CCL3 did not provide for meaningful external expert input; expert engagement was not included in preparation of CCL4. AWWA would appreciate the opportunity to work with EPA to organize expert engagement for the preparation of CCL5. An effectively organized expert process involving knowledgeable outside stakeholders will facilitate refining the final CCL to an actionable list of contaminants which are likely to present significant opportunities for public health risk reduction.⁵

4. **Available data are sufficient to include a number of previously discussed contaminants.** AWWA's recommendations to EPA on CCL4 included a list of contaminants for which data are sufficient to warrant additional investigation. These contaminants should be evaluated for inclusion in CCL5. See Table 1 below.

There is a significant body of research and ongoing work by the Centers for Disease Control and Prevention that illustrate that the risk of illness and death from pathogens from waterborne disease is significant. In preparing the CCL contaminants associated with recognized waterborne disease should take precedence over theoretical risks.⁶

Disinfection byproducts are a result of treatment to reduce microbial risks. Consequently, they are a group of contaminants that should be seriously considered in preparing CCL5.

5. **Available data are sufficient to exclude a number of frequently discussed contaminants.** AWWA's recommendations to EPA on CCL4 included a list of contaminants for which data are sufficient to make negative regulatory determinations. Similarly, these contaminants need not re-appear on CCL5. See Table 1 below.
6. **Per- and polyfluoroalkyl substances.** There is sufficient public concern regarding PFAS that the CCL5 process must explicitly describe the subset of PFAS that warrant evaluation in addition to those identified for regulation in EPA's soon to be released PFAS Management Plan based on information collected to date through the Unregulated Contaminant Monitoring Rule and other means. The CCL5 subset should be those likely to represent an

⁴ NDWAC. 2004. National Drinking Water Advisory Council Report on the CCL Classification Process to the U.S. Environmental Protection Agency, Figure ES-1. Available at https://www.epa.gov/sites/production/files/2015-11/documents/report_ccl_ndwac_07-06-04.pdf

⁵ AWWA. 2003. CCL Workshop Report – Review Of The Information Resources, June 25-27, 2003, Scituate, Massachusetts.

⁶ CDC. 2016. Magnitude & Burden of Waterborne Disease in the U.S.. Available at <https://www.cdc.gov/healthywater/burden/index.html>

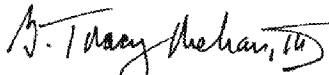
December 4, 2018

Page 3

opportunity for risk reduction through setting drinking water standards rather than as a substitute for risk management via the Toxic Substance Control Act, Resource Conservation Recovery Act, Clean Air Act, Clean Water Act, and other statutes.

Thank you for the opportunity to comment to the Agency. If you have any questions regarding this correspondence or if AWWA can be of assistance in some other way, please contact me or Steve Via at (202) 326-6130 or svia@awwa.org.

Best regards,



G. Tracy Mehan, III

Executive Director – Government Affairs

cc: Peter Grevatt
Jennifer McLain
Eric Burneson
Lisa Christ
Ryan Albert
Lisa Huff
Kesha Forrest

Who is AWWA

The American Water Works Association (AWWA) is an international, nonprofit, scientific and educational society dedicated to providing total water solutions assuring the effective management of water. Founded in 1881, the Association is the largest organization of water supply professionals in the world. Our membership includes more than 4,000 utilities that supply roughly 80 percent of the nation's drinking water and treat almost half of the nation's wastewater. Our 50,000-plus total membership represents the full spectrum of the water community: public water and wastewater systems, environmental advocates, scientists, academicians, and others who hold a genuine interest in water, our most important resource. AWWA unites the diverse water community to advance public health, safety, the economy, and the environment.

Table 1. Summary of Recommendations Provided to EPA for CCL4

Table 1 summarizes recommendations AWWA provided to EPA in 2015. Please note that recommendation six in the above cover letter addresses PFOA, PFOS, and the PFAS given more recent developments. Table 1 was prepared prior to EPA's Announcement of Final Regulatory Determinations for Contaminants on the Third Drinking Water Contaminant Candidate List (81 FR 13, January 4, 2016) and National Primary Drinking Water Regulations; Announcement of the Results of EPA's Review of Existing Drinking Water Standards and Request for Public Comment and/or Information on Related Issues (82 FR 3518, January 11, 2017). EPA has already organized a body of information through these review processes to address including some of the contaminants in Table 1 as it prepares CCL5.

Data sufficient to support considering including in CCL5		Data does not support inclusion in CCL5	
Name	CASRN	Name	CASRN
Adenovirus	N/A	1,1,1,2-Tetrachloroethane	630-20-6
Caliciviruses	N/A	1,2,3-Trichloropropane	96-18-4
<i>Campylobacter jejuni</i>	N/A	1,3-Dinitrobenzene	99-65-0
Enterovirus	N/A	Acetaminophen	103-90-2
<i>Escherichia coli</i> (O157)	N/A	Acetochlor	34256-82-1
<i>Helicobacter pylori</i>	N/A	Acetochlor ethanesulfonic acid (ESA)	187022-11-3
Hepatitis A virus	N/A	Acetochlor oxanilic acid (OA)	194992-44-4
<i>Legionella pneumophila</i>	N/A	Acrolein	107-02-8
<i>Mycobacterium avium</i>	N/A	Alachlor ethanesulfonic acid (ESA)	142363-53-9
<i>Naegleria fowleri</i>	N/A	Alachlor oxanilic acid (OA)	171262-17-2
<i>Salmonella enterica</i>	N/A	Aldicarb	116-06-3
<i>Shigella sonnei</i>	N/A	alpha-Hexachlorocyclohexane	319-84-6
Bromochloroiodo-methane (BCIM)	N/A	Amoxicillin	26787-78-0
Bromo-dichloro-nitromethane (BDCNM)	N/A	Bacitracin zinc	1405-89-6
Bromodiiodomethane (BDIM)	N/A	Bentazone	25057-89-0
Chloro-diiodo-methane (CDIM)	N/A	Benzyl butyl phthalate	85-68-7
Chloropicrin (trichloro-nitromethane; TCNM)	N/A	Bisphenol A (BPA)	80-05-7
Dibromo-chloro-nitromethane (DBCNM)	N/A	Bromoxynil	1689-84-5

Data sufficient to support considering including in CCL5		Data does not support inclusion in CCL5	
Name	CASRN	Name	CASRN
Dibromo-iodo-methane (DBIM)	N/A	Butylated hydroxyanisole	25013-16-5
Dichloro-iodo-methane (DCIM)	N/A	Butylated hydroxyanisole (BHA)	85-68-7
N-Nitrosodiethylamine (NDEA)	55-18-5	Carbaryl	63-25-2
N-Nitrosodimethylamine (NDMA)	62-75-9	Cesium 137	10045-97-3
N-Nitroso-di-n-propylamine (NDPA)	621-64-7	Chloromethane (Methyl chloride)	74-87-3
N-Nitrosodiphenylamine (NDPhA)	86-30-6	Chlorothalonil	1897-45-6
N-Nitrosopyrrolidine (NPYR)	930-55-2	Ciprofloxacin	85721-33-1
Triiodo-methane (TIM)	N/A	Dibutyl phthalate	84-74-2
1,1-Dichloroethane	75-34-3	Dicamba	1918-00-9
1,4-Dioxane	123-91-1	Dichlorvos	62-73-7
3-Hydroxycarbofuran	16655-82-6	Dicofol	115-32-2
Azinphos-methyl	86-50-0	Dicyclohexyl phthalate	84-61-7
Chlorate	14866-68-3	Diethyl phthalate	84-66-2
Chlorpyrifos	2921-88-2	Di-isononyl phthalate	28553-12-0
Cyanotoxins (anatoxin; microcystin -LA, -LR, -LW, -RR, -YR; cylindrospermopsin)	N/A	Dimethoate	60-51-5
Fluoxetine	5491-89-3	Dimethyl phthalate	131-11-3
Gemfibrozil	25812-30-0	Di-n-octyl phthalate	117-84-0
Manganese	7439-96-5	Disulfoton	298-04-4
Molybdenum	7439-98-7	Diuron	330-54-1
Strontium	7440-24-6	Endosulfan	115-29-7
		Erythromycin	114-07-8
		Ethoprophos	13194-48-4
		Fluometuron	2164-17-2
		Ibuprofen	15687-27-1

Data sufficient to support considering including in CCL5		Data does not support inclusion in CCL5	
Name	CASRN	Name	CASRN
		Linezolid	165800-03-3
		Linuron	330-55-2
		Malathion	121-75-5
		Methicillin	61-32-5
		Methyl bromide (Bromomethane)	74-83-9
		Methyl parathion	298-00-0
		Methyl tert-butyl ether	1634-04-4
		Metolachlor	51218-45-2
		Metolachlor ethanesulfonic acid (ESA)	171118-09-5
		Metolachlor oxanilic acid (OA)	152019-73-3
		Molinate	2212-67-1
		Mutagen X	77439-76-0
		Naproxen	22204-53-1
		Naproxen (2-Naphthaleneacetic acid, 6-methoxy- α -methyl-, (α S)-)	22204-53-1
		Nitrobenzene	98-95-3
		Nonylphenol	25154-52-3
		Nonylphenol ethoxylate	9016-45-9
		n-Propylbenzene	103-65-1
		Octylphenol	27193-28-8
		Octylphenol ethoxylate	9036-19-5
		Oxacillin	66-79-5
		Penicillin	61-33-6
		Perchlorate	14797-73-0
		Perfluorooctane sulfonic acid (PFOS)	1763-23-1
		Perfluorooctanoic acid (PFOA)	335-67-1

Data sufficient to support considering including in CCL5		Data does not support inclusion in CCL5	
Name	CASRN	Name	CASRN
		Permethrin	52645-53-1
		Phosmet	732-11-6
		Progesterone	57-83-0
		Radon	14859-67-7
		RDX (Hexahydro-1,3,5-trinitro-1,3,5-triazine)	121-82-4
		Saxitoxin	na
		Saxitoxin related PST	na
		sec-Butylbenzene	135-98-8
		Spiramycin	8025-81-8
		Sulfamethazine	57-68-1
		Sulfamethoxazole	723-46-6
		Tellurium	13494-80-9
		Terbufos	13071-79-9
		Terbufos Sulfone	56070-16-7
		Testosterone	58-22-0
		Trichlorfon	
		Triclocarban	101-20-2
		Triclosan (Phenol, 5-chloro-2-(2,4-dichlorophenoxy)-)	3380-34-5
		Tylosin	1401-69-0
		Vanadium	7440-62-2
		Vancomycin	1404-90-6
		Virginiamycin	11006-76-1

Source: AWWA. 2015. AWWA Recommendations for Contaminant Candidate List 4. Available 11/16/2018 at <https://www.awwa.org/Portals/0/files/legreg/documents/2015CCLAWWAReport.pdf>

Message

From: Tucker, Nicole [Tucker.Nicole@epa.gov]
Sent: 12/18/2018 4:17:52 PM
To: Albert, Ryan [Albert.Ryan@epa.gov]
CC: Holsinger, Hannah [Holsinger.Hannah@epa.gov]
Subject: Tomorrow's briefing material on CCL 5 Microbes-for your review
Attachments: CCL5 Microbes Briefing_12_19_18_clean.docx

Hi Ryan,

Attached is the material for tomorrow's briefing with Eric Burneson on CCL 5 microbes for your review. This briefing will mostly be a status update. Thank you in advance for your review Ryan.

Sincerely,
Nicole Tucker

Nicole Tucker
US Environmental Protection Agency
Office of Ground Water and Drinking Water
Standards and Risk Management Division
202-564-1946

Message

From: Albert, Ryan [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=C0C5A0954B714E9587F853CB809599B1-RALBERT]
Sent: 12/5/2018 2:35:27 PM
To: Holsinger, Hannah [Holsinger.Hannah@epa.gov]; Tucker, Nicole [Tucker.Nicole@epa.gov]
Subject: Fwd: AWWA Comments on EPA CCL5 Request for Nominations
Attachments: 2018 12 04 AWWA CCL 5 Nominations Comments .pdf; ATT00001.htm

FYI.

Sent from my iPhone

Begin forwarded message:

From: Steve Via <SVia@awwa.org>
Date: December 5, 2018 at 8:37:13 AM EST
To: "Peter Grevatt (Grevatt.peter@Epa.gov)" <Grevatt.peter@Epa.gov>, "McLain, Jennifer" <mclain.jennifer@epa.gov>, Eric Burneson <burneson.eric@epa.gov>, 'Lisa Christ' <Christ.Lisa@epamail.epa.gov>, "Albert, Ryan" <Albert.Ryan@epa.gov>, "Huff, Lisa" <Huff.Lisa@epa.gov>, "Forrest.kesha@Epa.gov" <Forrest.kesha@Epa.gov>
Subject: AWWA Comments on EPA CCL5 Request for Nominations

Thank you for the opportunity to comment early in the current Contaminant Candidate List cycle through your recent Federal Register notice. Attached is a copy of the comment letter the American Water Works Association filed yesterday in the associated docket.

Please feel free to contact Tracy Mehan or me if you have any questions or thoughts regarding the attached letter's recommendations.

Thank you for your time and attention.

Best regards,
Steve

Steve Via
Director of Federal Relations
American Water Works Association
1300 Eye Street NW, Suite 701W
Washington, DC 20005-3314
Office 202.628.8303 | Direct 202.326.6130
svia@awwa.org | www.awwa.org

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American Water Works Association
Dedicated to the World's Most Important Resource ®

Message

From: Albert, Ryan [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=C0C5A0954B714E9587F853CB809599B1-RALBERT]
Sent: 12/18/2018 10:32:40 PM
To: Tucker, Nicole [Tucker.Nicole@epa.gov]
CC: Holsinger, Hannah [Holsinger.Hannah@epa.gov]
Subject: RE: Tomorrow's briefing material on CCL 5 Microbes-for your review
Attachments: CCL5 Microbes Briefing_12_19_18__RA.docx

Hi Nicole,

Please see attached. Note, I put in a line about the expert being well known. Please confirm this is true. If it is not, delete that clause.

Best regards,
Ryan

From: Tucker, Nicole
Sent: Tuesday, December 18, 2018 12:37 PM
To: Albert, Ryan <Albert.Ryan@epa.gov>
Cc: Holsinger, Hannah <Holsinger.Hannah@epa.gov>
Subject: RE: Tomorrow's briefing material on CCL 5 Microbes-for your review

Hi Ryan,

Hannah has reviewed and I have incorporated her edits and suggestions.

Following your review (and incorporating any additional edits/suggestions from you) , I will then send to Charlotte to include with the briefing invite.

Thanks Ryan.

-Nicole

Nicole Tucker
US Environmental Protection Agency
Office of Ground Water and Drinking Water
Standards and Risk Management Division
202-564-1946

From: Albert, Ryan
Sent: Tuesday, December 18, 2018 12:08 PM
To: Tucker, Nicole <Tucker.Nicole@epa.gov>
Cc: Holsinger, Hannah <Holsinger.Hannah@epa.gov>
Subject: RE: Tomorrow's briefing material on CCL 5 Microbes-for your review

Thanks Nicole. Confirming Hannah has (or will) sneak a peek as well.

Best regards,
Ryan

From: Tucker, Nicole
Sent: Tuesday, December 18, 2018 11:18 AM
To: Albert, Ryan <Albert.Ryan@epa.gov>
Cc: Holsinger, Hannah <Holsinger.Hannah@epa.gov>
Subject: Tomorrow's briefing material on CCL 5 Microbes-for your review

Hi Ryan,

Attached is the material for tomorrow's briefing with Eric Burneson on CCL 5 microbes for your review. This briefing will mostly be a status update. Thank you in advance for your review Ryan.

Sincerely,
Nicole Tucker

Nicole Tucker
US Environmental Protection Agency
Office of Ground Water and Drinking Water
Standards and Risk Management Division
202-564-1946

Message

From: Tucker, Nicole [Tucker.Nicole@epa.gov]
Sent: 3/27/2019 2:52:22 PM
To: Akhter, Shamima [Akhter.Shamima@epa.gov]
CC: Holsinger, Hannah [Holsinger.Hannah@epa.gov]
Subject: CCL5 Microbes contractor deliverables
Attachments: CCL Microbial Process Comments_2-19 (002).docx; CCL Microbial Process Comments_2-19 (003).xlsx; CCL5_Microbes_Universe_March 2019 (002).docx; Copy of CCL Microbe Universe and Screening_March 2019.xlsx

Flag: Follow up

Hi Shamima,

Thanks so much for meeting today and talking about CCL5 Microbes. Per our conversation, I have attached the deliverables that we have received so far from Cadmus. Please let me know if you have any comments or questions about any of them.

Thank you,
Nicole Tucker

Nicole Tucker
US Environmental Protection Agency
Office of Ground Water and Drinking Water
Standards and Risk Management Division
202-564-1946

Message

From: Tucker, Nicole [Tucker.Nicole@epa.gov]
Sent: 7/9/2019 12:07:32 PM
To: Holsinger, Hannah [Holsinger.Hannah@epa.gov]
Subject: Microbial Workgroup presentation
Attachments: CCL5 Workgroup meeting 1_clean.7_9_19.pptx

Hi Hannah!

Attached is the microbial workgroup meeting presentation for today. Thank you for your help this morning, I'm really happy with the presentation now, but please let me know if I should make anymore changes/edits. Thanks Hannah!!!

-Nicole

Nicole Tucker
US Environmental Protection Agency
Office of Ground Water and Drinking Water
Standards and Risk Management Division
202-564-1946

Message

From: Tucker, Nicole [Tucker.Nicole@epa.gov]
Sent: 12/17/2018 7:49:41 PM
To: Holsinger, Hannah [Holsinger.Hannah@epa.gov]
Subject: CCL 5 Microbial contaminants briefing material
Attachments: CCL5 Microbes Briefing.docx

Flag: Follow up

Hi Hannah,

Attached is my first cut at the briefing material for the CCL 5 microbial contaminants for your review. Let me know your thoughts. Thanks Hannah!!

-Nicole

Nicole Tucker
US Environmental Protection Agency
Office of Ground Water and Drinking Water
Standards and Risk Management Division
202-564-1946

Message

From: Rotert, Kenneth [Rotert.Kenneth@epa.gov]
Sent: 6/7/2019 3:55:48 PM
To: Bowden, Brenda [Bowden.Brenda@epa.gov]; Weisman, Richard [Weisman.Richard@epa.gov]; Holsinger, Hannah [Holsinger.Hannah@epa.gov]; Lan, Alexis [lan.alexis@epa.gov]; Flynn, Aspen [flynn.aspen@epa.gov]; Chen, Jimmy [Chen.Jimmy@epa.gov]; Regli, Stig [Regli.Stig@epa.gov]; Tucker, Nicole [Tucker.Nicole@epa.gov]
CC: Simic, Melissa [Simic.Melissa@epa.gov]; Flynn, Rebecca [flynn.rebecca@epa.gov]; Hedrick, Elizabeth [Hedrick.Elizabeth@epa.gov]; Forrest, Kesha [Forrest.Kesha@epa.gov]
Subject: RE: Development of the Proposed UCMR 5 - Stakeholder Meeting Slides
Attachments: Presentation_UCMR5_StakeholderMeeting_ALL_190603.khr.pptx

Brenda,

My input is in the attached file. I had a few comments, but mostly suggested changes. I highlighted these. All of my input is from slides 193-201.

Thanks

Ken

From: Bowden, Brenda
Sent: Wednesday, June 5, 2019 6:35 PM
To: Weisman, Richard <Weisman.Richard@epa.gov>; Holsinger, Hannah <Holsinger.Hannah@epa.gov>; Lan, Alexis <lan.alexis@epa.gov>; Flynn, Aspen <flynn.aspen@epa.gov>; Chen, Jimmy <Chen.Jimmy@epa.gov>; Regli, Stig <Regli.Stig@epa.gov>; Rotert, Kenneth <Rotert.Kenneth@epa.gov>; Tucker, Nicole <Tucker.Nicole@epa.gov>
Cc: Simic, Melissa <Simic.Melissa@epa.gov>; Flynn, Rebecca <flynn.rebecca@epa.gov>; Hedrick, Elizabeth <Hedrick.Elizabeth@epa.gov>; Forrest, Kesha <Forrest.Kesha@epa.gov>
Subject: FW: Development of the Proposed UCMR 5 - Stakeholder Meeting Slides

Hello SRRB,

We just send the first draft of the Stakeholder Slides for the development of the proposed UCMR 5 to Greg and Dan for review. Please review the slides and let us know if you have any comments on:

- The SDWA Reg Det and CCL slides. These slides are standard and have been used many times before.
- The contaminant slides. If you have anymore information on HANs, Legionella and MAC, please let us know. Note yellow below.

Let us know if you have any questions.

Thank you,
Brenda

From: Bowden, Brenda
Sent: Wednesday, June 05, 2019 6:19 PM
To: Carroll, Gregory <Carroll.Gregory@epa.gov>; Hautman, Dan <Hautman.Dan@epa.gov>
Cc: Simic, Melissa <Simic.Melissa@epa.gov>; Flynn, Rebecca <flynn.rebecca@epa.gov>; Hedrick, Elizabeth <Hedrick.Elizabeth@epa.gov>; Wendelken, Steve <Wendelken.Steve@epa.gov>; Grimmett, Paul <Grimmett.Paul@epa.gov>
Subject: Development of the Proposed UCMR 5 - Stakeholder Meeting Slides

Hello Greg and Dan,

Message

From: Tucker, Nicole [Tucker.Nicole@epa.gov]
Sent: 7/2/2019 2:34:10 PM
To: Holsinger, Hannah [Holsinger.Hannah@epa.gov]
Subject: CCL5 Microbe Workgroup Presentation
Attachments: CCL5 Workgroup meeting 1.pptx

Flag: Follow up

Hi Hannah,
Hope you are having a good week so far.

I was wondering if you had some time if you could review the presentation (attached) that I put together for the CCL5 microbial workgroup (for the July 9th workgroup meeting)? If you don't have time, I will completely understand.

Thanks Hannah!
-Nicole

Nicole Tucker
US Environmental Protection Agency
Office of Ground Water and Drinking Water
Standards and Risk Management Division
202-564-1946

Office of Ground Water and Drinking Water
Standards and Risk Management Division
202-564-1946

Message

From: Holsinger, Hannah [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=4C77011AC97D445CA20CDAE3C622332C-HOLSINGER, HANNAH]
Sent: 6/18/2019 7:13:26 PM
To: Tucker, Nicole [Tucker.Nicole@epa.gov]
Subject: RE: CCL5 microbes update briefing material for your review
Attachments: CCL5 Microbes Status Update for Ryan for 6_19_19 briefing_hh.docx

Thanks Nicole! Looking good! I suggest adding a little more detail. Please find comments attached.

Thanks!
Hannah

From: Tucker, Nicole
Sent: Tuesday, June 18, 2019 1:23 PM
To: Holsinger, Hannah <Holsinger.Hannah@epa.gov>
Subject: CCL5 microbes update briefing material for your review

Hi Hannah,

Attached is the material for briefing Ryan tomorrow on CCL5 Microbes for your review. Please let me know your thoughts. Thanks Hannah!

-Nicole

Nicole Tucker
US Environmental Protection Agency
Office of Ground Water and Drinking Water
Standards and Risk Management Division
202-564-1946

Message

From: Holsinger, Hannah [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=4C77011AC97D445CA20CDAE3C622332C-HOLSINGER, HANNAH]
Sent: 6/18/2019 12:18:11 PM
To: Tucker, Nicole [Tucker.Nicole@epa.gov]
Subject: ccl slides
Attachments: Draft CCL 5 Workgroup Kickoff 6.12.19 (002).NT_hh.pptx

Hannah Holsinger, MPH
Physical Scientist
Office of Ground Water and Drinking Water
Standards and Risk Management Division

US Environmental Protection Agency (4607M)
1200 Pennsylvania Ave NW
Washington DC 20460
Phone: 202-564-0403

Message

From: Holsinger, Hannah [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=4C77011AC97D445CA20CDAE3C622332C-HOLSINGER, HANNAH]
Sent: 6/13/2019 2:24:01 PM
To: Tucker, Nicole [Tucker.Nicole@epa.gov]
Subject: FW: CCL 5 Team meeting
Attachments: Draft CCL 5 Workgroup Kickoff 6.12.19.pptx

Hi Nicole,

I defer to you on the first review of these. I will review after you provide input.

Thanks!

Hannah

From: Forrest, Kesha
Sent: Wednesday, June 12, 2019 12:57 PM
To: Alattar, Zaineb <alattar.zaineb@epa.gov>; Greene, Sophie <greene.sophie@epa.gov>; Smith, Lameka <Smith.Lameka@epa.gov>; Storsved, Brynne <storsved.brynne@epa.gov>; Holsinger, Hannah <Holsinger.Hannah@epa.gov>; Tucker, Nicole <Tucker.Nicole@epa.gov>; Messner, Michael <Messner.Michael@epa.gov>; Heinrich, Austin <Heinrich.Austin@epa.gov>; Lombardi, Thomas <lombardi.thomas@epa.gov>; Flynn, Aspen <flynn.aspen@epa.gov>; Bowden, Brenda <Bowden.Brenda@epa.gov>; Simic, Melissa <Simic.Melissa@epa.gov>
Cc: Perkinson, Russ <Perkinson.Russ@epa.gov>; Flynn, Rebecca <flynn.rebecca@epa.gov>
Subject: CCL 5 Team meeting

First draft of Kick-off presentation for the CCL 5 Workgroup

Message

From: Holsinger, Hannah [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=4C77011AC97D445CA20CDAE3C622332C-HOLSINGER, HANNAH]
Sent: 12/18/2018 2:26:34 PM
To: Tucker, Nicole [Tucker.Nicole@epa.gov]
Subject: RE: CCL 5 Microbial contaminants briefing material
Attachments: CCL5 Microbes Briefing_hh.docx

Thanks Nicole! My edits are attached (mainly formatting to get on two pages). You did a great job on this! I love the table! Please make edits and send to Ryan for his review (ccing myself).

Thanks!
-Hannah

From: Tucker, Nicole
Sent: Monday, December 17, 2018 2:50 PM
To: Holsinger, Hannah <Holsinger.Hannah@epa.gov>
Subject: CCL 5 Microbial contaminants briefing material

Hi Hannah,

Attached is my first cut at the briefing material for the CCL 5 microbial contaminants for your review. Let me know your thoughts. Thanks Hannah!!

-Nicole

Nicole Tucker
US Environmental Protection Agency
Office of Ground Water and Drinking Water
Standards and Risk Management Division
202-564-1946

Message

From: Forrest, Kesha [Forrest.Kesha@epa.gov]
Sent: 6/19/2019 3:24:08 PM
To: Alattar, Zaineb [alattar.zaineb@epa.gov]; Greene, Sophie [greene.sophie@epa.gov]; Lombardi, Thomas [lombardi.thomas@epa.gov]; Smith, Lameka [Smith.Lameka@epa.gov]; Storsved, Brynne [storsved.brynne@epa.gov]; Tucker, Nicole [Tucker.Nicole@epa.gov]; Holsinger, Hannah [Holsinger.Hannah@epa.gov]; Messier, Dawn [Messier.Dawn@epa.gov]; Messner, Michael [Messner.Michael@epa.gov]; Farber, Glenn [Farber.Glenn@epa.gov]; O'Mara, Kate [OMara.Kate@epa.gov]; Ryan, Chris [ryan.chris@epa.gov]; Harris, Kimberly [harris.kimberly@epa.gov]; Lambert, Jason [Lambert.Jason@epa.gov]; Katz, David [Katz.David@epa.gov]; Batt, Angela [Batt.Angela@epa.gov]; Kostich, Mitchell [Kostich.Mitchell@epa.gov]; Wambaugh, John [Wambaugh.John@epa.gov]; Bowden, Brenda [Bowden.Brenda@epa.gov]; Simic, Melissa [Simic.Melissa@epa.gov]; Weiss, Jeri [Weiss.Jeri@epa.gov]; Donohue, Maura [Donohue.Maura@epa.gov]; Pfaller, Stacy [Pfaller.Stacy@epa.gov]; Grimm, Ann [Grimm.Ann@epa.gov]; Oshima, Kevin [Oshima.Kevin@epa.gov]; Ryu, Hodon [Ryu.Hodon@epa.gov]; SantoDomingo, Jorge [Santodomingo.Jorge@epa.gov]; Varughese, Eunice [Varughese.Eunice@epa.gov]; Parshionikar, Sandhya [Parshionikar.Sandhya@epa.gov]; Bone, Tracy [Bone.Tracy@epa.gov]; Akhter, Shamima [Akhter.Shamima@epa.gov]; Williams, Antony [Williams.Antony@epa.gov]; Euling, Susan [Euling.Susan@epa.gov]
CC: Flaharty, Stephanie [Flaharty.Stephanie@epa.gov]; Strong, Jamie [Strong.Jamie@epa.gov]; Huff, Lisa [Huff.Lisa@epa.gov]; Heinrich, Austin [Heinrich.Austin@epa.gov]; Cordero, Cesar [Cordero.Cesar@epa.gov]; Hedrick, Elizabeth [Hedrick.Elizabeth@epa.gov]; Wendelowski, Karyn [wendelowski.karyn@epa.gov]
Subject: CCL 5 Workgroup Kick-off meeting
Attachments: CCL 5 Workgroup Kickoff 6.19.19_Final.pptx

Hi CCL 5 Workgroup,

Please find attached the presentation for today's kick-off meeting.

Thanks
Kesha

Message

From: Forrest, Kesha [Forrest.Kesha@epa.gov]
Sent: 6/12/2019 4:56:48 PM
To: Alattar, Zaineab [alattar.zaineab@epa.gov]; Greene, Sophie [greene.sophie@epa.gov]; Smith, Lameka [Smith.Lameka@epa.gov]; Storsved, Brynne [storsved.brynne@epa.gov]; Holsinger, Hannah [Holsinger.Hannah@epa.gov]; Tucker, Nicole [Tucker.Nicole@epa.gov]; Messner, Michael [Messner.Michael@epa.gov]; Heinrich, Austin [Heinrich.Austin@epa.gov]; Lombardi, Thomas [lombardi.thomas@epa.gov]; Flynn, Aspen [flynn.aspen@epa.gov]; Bowden, Brenda [Bowden.Brenda@epa.gov]; Simic, Melissa [Simic.Melissa@epa.gov]
CC: Perkinson, Russ [Perkinson.Russ@epa.gov]; Flynn, Rebecca [flynn.rebecca@epa.gov]
Subject: CCL 5 Team meeting
Attachments: Draft CCL 5 Workgroup Kickoff 6.12.19.pptx

First draft of Kick-off presentation for the CCL 5 Workgroup

Message

From: Forrest, Kesha [Forrest.Kesha@epa.gov]
Sent: 4/24/2019 5:14:47 PM
To: Lombardi, Thomas [lombardi.thomas@epa.gov]; Alattar, Zaineb [alattar.zaineb@epa.gov]
CC: Huff, Lisa [Huff.Lisa@epa.gov]
Subject: Emailing: UCMR5_WG_Contaminant_Ranking_190424b_Summary
Attachments: UCMR5_WG_Contaminant_Ranking_190424b_Summary.xlsx

Hi Tom and Zaineb,

I thought you all would like to see the summary of the rankings from all the UCMR 5 workgroup members. I haven't had a chance to digest it yet. I'm on the call now and expect to hear what the next steps will be.

Thanks
Kesha

Your message is ready to be sent with the following file or link attachments:

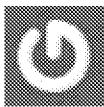
UCMR5_WG_Contaminant_Ranking_190424b_Summary

Note: To protect against computer viruses, e-mail programs may prevent sending or receiving certain types of file attachments. Check your e-mail security settings to determine how attachments are handled.

From: The Source: Drinking Water Headlines [donotreply@wordpress.com]
Sent: 12/4/2018 4:51:57 PM
To: Messner, Michael [Messner.Michael@epa.gov]
Subject: [New post] ASDWA Submits Recommendations to EPA for the Fifth Contaminant Candidate List (CCL5)

Alan Roberson posted: "On October 5, EPA published a Federal Register notice (83 FR 50364) seeking recommendations/nominations for the Fifth Contaminant Candidate List (CCL5). This notice is part of the five-year cycle for each CCL and represents an opportunity for the public t"

New post on The Source: Drinking Water Headlines



ASDWA Submits Recommendations to EPA for the Fifth Contaminant Candidate List (CCL5)

by [Alan Roberson](#)



On October 5, EPA published a [Federal Register notice](#) (83 FR 50364) seeking recommendations/nominations for the Fifth Contaminant Candidate List (CCL5). This notice is part of the five-year cycle for each CCL and represents an opportunity for the public to submit their nominations of chemicals and/or microbes that they might be concerned about to EPA.

Keep in mind that any CCL is the first step in EPA's regulatory development process. The SDWA statutory deadline for CCL5 is November 2021. The SDWA statutory deadline for the next round of regulatory determinations is in early 2021, and those decisions will be made from CCL4, not CCL5. So any potential national regulations resulting from CCL5 is several years away.

Earlier today (12/4), ASDWA submitted the comments below to EPA's docket for CCL5. In these comments, ASDWA recommended including per- and polyfluoroalkyl substances (PFAS) as a group on the final CCL5, as well as providing some recommendations for streamlining/optimizing EPA's regulatory development process. Both of these are important recommendations for EPA to consider when finalizing CCL5.

[ASDWA Recommendations for CCL5 12042018 Final](#)

[Alan Roberson](#) | December 4, 2018 at 11:51 am | Categories: [Weekly Update](#) | URL: <https://wp.me/pQvSV-IYC>

[Unsubscribe](#) to no longer receive posts from The Source: Drinking Water Headlines.

Change your email settings at [Manage Subscriptions](#).

Trouble clicking? Copy and paste this URL into your browser:

<http://blog.asdwa.org/2018/12/04/asdwa-submits-recommendations-to-epa-for-the-fifth-contaminant-candidate-list-ccl5/>

Thanks for flying with  WordPress.com

Message

From: Forrest, Kesha [Forrest.Kesha@epa.gov]
Sent: 8/7/2018 12:42:58 PM
To: Mushkolaj, Iliriana [Mushkolaj.Iiliriana@epa.gov]
Subject: RE: CCL 5 Team Meeting
Attachments: DRAFT EB to PG CCL5 Nominations transmittal memo 08-03-18.docx; DRAFT PG to DR Nominations transmittal memo 08-03-18.docx; CCL 5 v10 Nominations 7-31-18.docx; CCL 5_Action Information 8 3 18.doc

Good morning,

Please find attached the draft documents for the CCL 5 Nominations package. The typesetting form is the one piece that is missing.

The plan was to give Lisa a complete package by today. However, Russ is expecting to get comments back from OGC by COB today. So as soon as we get the OGC's comments I would like to send the package to Lisa.

Thanks
Kesha

From: Mushkolaj, Iliriana
Sent: Monday, August 06, 2018 4:46 PM
To: Forrest, Kesha <Forrest.Kesha@epa.gov>
Subject: RE: CCL 5 Team Meeting

Are you going to post those drafts in the SharePoint? I'd like to see them and get familiar.

Sure, I can help with the package and anything, as long as I have some overall balance of technical and other tasks. But, what is the timing for the package? I will be out most of September.

From: Forrest, Kesha
Sent: Monday, August 06, 2018 3:25 PM
To: Mushkolaj, Iliriana <Mushkolaj.Iiliriana@epa.gov>
Subject: RE: CCL 5 Team Meeting

I have drafts of everything except for the typesetting request and the FRN is with OGC for review. Would you like to review and finalize the package? We were hoping to get comments from OGC no later than tomorrow. As soon as OGC provides us with comments I want to send the entire package to Lisa H for her review.

From: Mushkolaj, Iliriana
Sent: Monday, August 06, 2018 3:03 PM
To: Forrest, Kesha <Forrest.Kesha@epa.gov>
Subject: RE: CCL 5 Team Meeting

Is the nomination package available for review?

From: Forrest, Kesha
Sent: Monday, August 06, 2018 2:05 PM
To: Mushkolaj, Iliriana <Mushkolaj.Iiliriana@epa.gov>; Perkinson, Russ <Perkinson.Russ@epa.gov>; Smith, Lameka <Smith.Lameka@epa.gov>
Subject: CCL 5 Team Meeting

Hi Everyone,

We have a 2:00 meeting scheduled for tomorrow. These are the topics I hope to discuss:

1. Updates on the status of the nominations package
2. Team procedures
 - a. If you have a chance, please take a look at the attachment to see if:
 - i. you have any thoughts on using this table to track our work and document procedures
 - ii. there are some tasks that you would like to work on
 - b. Using SharePoint for CCL 5
3. Next steps and who is doing what

Please let me know if you have any questions or additional items you would like to discuss.

Thanks,
Kesha

Kesha Forrest
US Environmental Protection Agency
Office of Ground Water and Drinking Water
Standards and Risk Management Division, Targeting and Analysis Branch
WJC East 2227 L

TEL: 202. 564.3632

forrest.kesha@epa.gov

Message

From: Townsend, Clifton [Townsend.Clifton@epa.gov]
Sent: 7/11/2018 4:45:53 PM
To: Forrest, Kesha [Forrest.Kesha@epa.gov]
CC: Smith, Lameka [Smith.Lameka@epa.gov]
Subject: FW: CCL FRN draft package
Attachments: DRAFT EB to PG CCL5 Nominations transmittal memo 07-01-18.docx; DRAFT PG to DR Nominations transmittal memo 07-01-18.docx; CCL 5 nominations web site changes first run on old website version.docx; Short Form Communication Strategy 3August2018.doc; disk certification letter nominations ccl 5.docx; Draft CCL 5 nominations v3.docx; Draft CCL 5 nominations v2.docx; Docket Creation Request Form for CCL 5 nominations.xls; CCL5 desk statement6-27-18.docx; OGWDW Internet Approval form 1Mar2012 draft CCL 5.docx

Hi Kesha,

For your records

Clif

From: Townsend, Clifton
Sent: Wednesday, July 11, 2018 12:45 PM
To: Huff, Lisa <Huff.Lisa@epa.gov>
Subject: RE: CCL FRN draft package

Hi Lisa,

All is well just a little busy. Attached you will find the draft CCL 5 package. I did not do the typesetting form but Kesha can get the new updated form from Stephanie. I did update the website content however, it will be in the new web format we have out currently but the information will stay the same. I talk with Russ about this earlier and he knows what we need to do on that web side. You can find the following CCL files here as well:

CCL 5 Nominations files (G:\SRMD\TAB Teams\CCL\CCL 5\Nominations FRN)

Clif files which has all of our options and schedules. (G:\SRMD\TAB Teams\CCL\CCL 5\Clif files\everything CCL 5)

General CCL 5 items: (G:\SRMD\TAB Teams\CCL\CCL 5)

Clif

From: Huff, Lisa
Sent: Wednesday, July 11, 2018 11:50 AM
To: Townsend, Clifton <Townsend.Clifton@epa.gov>
Subject: CCL FRN draft package

Clifton,

Hope you are settling in over in your new job in OCSPP. Could please send me all the files you prepared for the CCL5 nominations FRN package. Did you save that to the network? And actually I need to find out where you saved the rest of your files such as for perchlorate?

Thanks,

Lisa Foersom Huff

Associate Branch Chief
Targeting and Analysis Branch
Standards and Risk Management Division
Office of Groundwater and Drinking Water
U.S. EPA
EPA East Bldg. Rm. 2357 H
202-566-0787

From: Strong, Jamie
Sent: Thursday, October 18, 2018 7:20 AM
To: Greene, Sophie <greene.sophie@epa.gov>
Cc: Jacobs, Brittany <jacobs.brittany@epa.gov>
Subject: CCL 5 nominations

FYI...already out

<https://www.epa.gov/ccl/contaminant-candidate-list-5-ccl-5>

Jamie B. Strong | Chief, Human Health Risk Assessment Branch

Health and Ecological Criteria Division | Office of Science and Technology | Office of Water

U.S. Environmental Protection Agency

1200 Pennsylvania Avenue, NW, 4301-T, Washington, DC 20460

☎ Phone: (202) 566-0056 | ✉ strong.jamie@epa.gov

Message

From: Greene, Sophie [greene.sophie@epa.gov]
Sent: 6/18/2019 4:14:57 PM
To: Forrest, Kesha [Forrest.Kesha@epa.gov]; Strong, Jamie [Strong.Jamie@epa.gov]
Subject: CCL5 workgroup slides, kick off meeting
Attachments: Draft CCL 5 Workgroup Kickoff 6.12.19.pptx

Hi Jamie,

Attached are the draft slides for the CCL5 kick-off workgroup meeting tomorrow.

Lisa is looking at them right now too.

Sorry for the last minute review!

--Sophie

Sophie Greene
US Environmental Protection Agency
Office of Water, Office of Science and Technology
Health and Ecological Criteria Division | Human Health Risk Assessment Branch

Message

Sent: 6/17/2019 6:33:30 PM
To: Holsinger, Hannah [Holsinger.Hannah@epa.gov]
Subject: CCL 5 draft Workgroup kick-off powerpoint
Attachments: Draft CCL 5 Workgroup Kickoff 6.12.19 (002).NT.pptx

Hi Hannah,

Attached is a draft powerpoint for the CCL workgroup call on Wednesday. Will you let you know if you have any edits or additions to slides 13, 14, and 15. Kesha and I plan to give a overview of the chem and microbes CCL process and CCL5 status, but will focus more the chem side of things for this kick-off call. Kesha said for the July call we will focus more on the microbes, but if you think we should add more about the microbes in this presentation, please let me know.

Thank you Hannah in advance for you review! Once you have review I will upload any changes to the version on the sharedrive, linked below.

Draft CCL 5 Workgroup Kickoff 6.12.19

-Nicole

Nicole Tucker
US Environmental Protection Agency
Office of Ground Water and Drinking Water
Standards and Risk Management Division
202-564-1946

Message

From: Forrest, Kesha [Forrest.Kesha@epa.gov]
Sent: 2/20/2019 6:52:44 PM
To: Huff, Lisa [Huff.Lisa@epa.gov]
CC: Tucker, Nicole [Tucker.Nicole@epa.gov]; Greene, Sophie [greene.sophie@epa.gov]
Subject: DRAFT Contaminant_Prioritization_Briefing for EB_2 20 19v2
Attachments: DRAFT Contaminant_Prioritization_Briefing for EB_2 20 19v2.docx

Hi Lisa,

Please find attached the draft briefing for Eric tomorrow. As we discussed, the plan will be to give him a brief update and allow time for him to give feedback and direction.

Please let me know if you have any edits or changes.

Thanks,
Kesha

Message

From: Tucker, Nicole [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=DFA779581EFF45EFA80F5961DCD626DA-TUCKER, NIC]
Sent: 6/18/2019 12:54:13 PM
To: Forrest, Kesha [Forrest.Kesha@epa.gov]
Subject: FW: ccl slides
Attachments: Draft CCL 5 Workgroup Kickoff 6.12.19 (002).NT_hh.pptx

Kesha,

I tried editing the sharepoint powerpoint version online, and I was unsuccessful. I am in an all morning meeting this morning. Can you update/add my edits to the sharepoint version? I made updates/additions to slides 13, 14, and 15 in the attached.

I am so sorry I couldn't update/add the slides myself, my apologies.

-Nicole

Nicole Tucker
US Environmental Protection Agency
Office of Ground Water and Drinking Water
Standards and Risk Management Division
202-564-1946

From: Holsinger, Hannah
Sent: Tuesday, June 18, 2019 8:18 AM
To: Tucker, Nicole <Tucker.Nicole@epa.gov>
Subject: ccl slides

Hannah Holsinger, MPH
Physical Scientist
Office of Ground Water and Drinking Water
Standards and Risk Management Division

US Environmental Protection Agency (4607M)
1200 Pennsylvania Ave NW
Washington DC 20460
Phone: 202-564-0403

Message

From: Tucker, Nicole [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=DFA779581EFF45EFA80F5961DCD626DA-TUCKER, NIC]
Sent: 12/19/2018 12:40:01 PM
To: Bradford, Charlotte [Bradford.Charlotte@epa.gov]
CC: Holsinger, Hannah [Holsinger.Hannah@epa.gov]
Subject: Briefing material for today's meeting (12/19) with Eric B.
Attachments: CCL5 Microbes Briefing_12_19_18__clean.v2.docx

Good morning Charlotte,

Can you please add the attached document to the "Status update CCL5-Microbes" meeting with Eric Burneson from 10:30 to 11:00 today (12/19) and could you please put a note saying that copies of the briefing material will be provided at the meeting. Thank you Charlotte!

-Nicole Tucker

Nicole Tucker
US Environmental Protection Agency
Office of Ground Water and Drinking Water
Standards and Risk Management Division
202-564-1946

Message

From: Greene, Sophie [greene.sophie@epa.gov]
Sent: 2/20/2019 6:10:26 PM
To: Forrest, Kesha [Forrest.Kesha@epa.gov]
Subject: RE: DRAFT Contaminant_Prioritization_Briefing for EB_2 20 19
Attachments: DRAFT Contaminant_Prioritization_Briefing for EB_2 20 19.docx

Hi Kesha,

Sorry for the delay. I feel like I am working on 6 projects at the same time today.

I added a few notes and updated the numbers as we talked about as best I could.

Feel free to call or write if you have any questions.

--Sophie

From: Forrest, Kesha
Sent: Wednesday, February 20, 2019 1:01 PM
To: Greene, Sophie <Greene.Sophie@epa.gov>
Subject: DRAFT Contaminant_Prioritization_Briefing for EB_2 20 19

Hi Sophie,

I have included the microbes as a separate sections. Do you have any updates for the briefing?

Thanks
Kesha

Message

From: Flaharty, Stephanie [Flaharty.Stephanie@epa.gov]
Sent: 10/9/2018 11:35:07 AM
To: Forrest, Kesha [Forrest.Kesha@epa.gov]; Mohanty, Jini [Mohanty.Jini@epa.gov]
CC: Christ, Lisa [Christ.Lisa@epa.gov]; Huff, Lisa [Huff.Lisa@epa.gov]
Subject: Published CCL 5 Request for Nominations
Attachments: Published - CCL5 Request for Nominations FRN.pdf

effect of the dumping on esthetic, recreational, or economic values; land-based alternatives to ocean dumping; and the adverse effects of the dumping on other uses of the ocean. The Ocean Dumping Criteria are codified in 40 CFR parts 227–228. To meet U.S. reporting obligation under the London Convention, an international treaty on ocean dumping, EPA also reports some of this information in the annual United States Ocean Dumping Report.

EPA uses ocean dumping information to make decisions regarding whether issue, deny, as well as to impose conditions on ocean dumping permits issued by EPA in order to ensure consistency with the Ocean Dumping Criteria. EPA uses monitoring and reporting data from permittees to assess compliance with ocean dumping permits, including associated monitoring activities.

Form numbers: None.

Respondents/affected entities:

Respondents/affected entities may include any private person or entity, or state, local, or foreign governments.

Respondent's obligation to respond:

Required to obtain or retain a benefit, specifically permit authorization and/or compliance with permits required under MPRSA sections 102 and 104, 33 U.S.C. 1402 & 1404, and implementing regulations at 40 CFR parts 220–229.

Estimated number of respondents: 2,768 respondents per year.

Frequency of response: The frequency of response varies for application and reporting requirements for different permits. Other than the general permit for transportation and disposal of vessels, response is required once for each permit application, whether a single notification to EPA or a permit application. Depending on the type of MPRSA permit, a permit application would be required prior to expiration if the permittee seeks re-issuance: General permit (once every seven years), special permit (once every three years), and research permit (once every 18 months).

Total estimated burden: The public reporting and recordkeeping burdens for this collection of information are estimated to be 3,497 hours per year. Burden is defined at 5 CFR 1320.3(b).

Total estimated cost: Annual costs are estimated to be \$380,376, which includes \$184,503 for labor and \$195,874 for capital or operation & maintenance costs.

Changes in estimates: There is no significant increase in the burden. There is an increase of 1 hour in the total estimated respondent burden compared with the ICR currently approved by OMB. This increase is due to a change in the program requirements and

reflects updated reporting burden estimates. Specifically, since the issuance of the current ICR, EPA issued an additional general permit under the MPRSA for the transport and disposal of marine mammal carcasses in ocean waters under specified conditions. The estimates in the supporting information reflect the increase associated with the general permit, which was published in the **Federal Register** on December 6, 2016 [81 FR 87928].

Dated: September 27, 2018.

John Goodin,

Acting Director, Office of Wetlands, Oceans and Watersheds.

[FR Doc. 2018–21750 Filed 10–4–18; 8:45 am]

BILLING CODE 6560–50–P

ENVIRONMENTAL PROTECTION AGENCY

[EPA–HQ–OW–2018–0594; FRL–9985–17–OW]

Request for Nominations of Drinking Water Contaminants for the Fifth Contaminant Candidate List

AGENCY: Environmental Protection Agency (EPA).

ACTION: Notice.

SUMMARY: The Environmental Protection Agency (EPA) is requesting nominations of chemical and microbial contaminants that are not currently regulated, for possible inclusion on the fifth drinking water Contaminant Candidate List. The EPA requests that nominations include information showing the nominated contaminant is known or anticipated to occur in public water systems and indicating the nominated contaminant may require regulation due to the potential for adverse effects on the health of persons.

DATES: Nominations must be received on or before December 4, 2018.

ADDRESSES: Submit your comments, identified by Docket ID No. EPA–HQ–OW–2018–0594, to the *Federal eRulemaking Portal*: <http://www.regulations.gov>. Follow the online instructions for submitting comments. You may also submit comments by mail or hand delivery to: Water Docket, Environmental Protection Agency, Mail Code: 2822T, 1200 Pennsylvania Ave. NW, Washington, DC 20460.

Once submitted, comments cannot be edited or withdrawn. The EPA may publish any comment received to its public docket. Do not submit electronically any information you consider to be Confidential Business Information (CBI) or other information whose disclosure is restricted by statute.

Multimedia submissions (audio, video, etc.) must be accompanied by a written comment. The written comment is considered the official comment and should include discussion of all points you wish to make. The EPA will generally not consider comments or comment contents located outside of the primary submission (*i.e.*, on the web, cloud, or other file sharing system). For additional submission methods, the full EPA public comment policy, information about CBI or multimedia submissions, and general guidance on making effective comments, please visit <http://www.epa.gov/dockets/commenting-epa-dockets>. More information about comment submissions and CBI specific to the nomination process is included in Section III of this notice.

FOR FURTHER INFORMATION CONTACT: For questions about this notice and/or inquiries regarding the EPA's fifth drinking water Contaminant Candidate List (CCL 5) nominations, please contact Kesha Forrest, Standards and Risk Management Division, Office of Ground Water and Drinking Water, Environmental Protection Agency, 1200 Pennsylvania Ave. NW, Washington, DC 20460; telephone number: (202) 564–3632; email address: forrest.kesha@epa.gov.

SUPPLEMENTARY INFORMATION:

I. General Information

A. Does this action apply to me?

This notice does not impose any requirements on anyone; it only requests nominations for the drinking water Contaminant Candidate List (CCL) and provides information on how the public can submit nominations to the EPA.

B. How can I get copies of this document and other related information?

The EPA has established a docket for this action under Docket ID No. EPA–HQ–OW–2018–0594. Publicly available docket materials are accessible either electronically through <http://www.regulations.gov> or in hard copy at the Water Docket in the EPA Docket Center (see the **ADDRESSES** section of this notice).

II. Background

A. What is the CCL?

The CCL is a list of contaminants that are currently not subject to any proposed or promulgated national primary drinking water regulations, that are known or anticipated to occur in public water systems, and which may require regulation under the Safe

Drinking Water Act (SDWA). The EPA uses this list of unregulated contaminants to prioritize research and data collection efforts to help the Agency determine whether to regulate a specific contaminant. The SDWA requires that the EPA publish the CCL every five years (SWDA § 1412(b)(1)). The EPA is also required to consult with the scientific community, including the Science Advisory Board, and provide notice and opportunity for public comment prior to publication of the final CCL.

The SDWA also requires the EPA to determine whether to regulate at least five contaminants from the CCL every five years (SWDA § 1412(b)(1)). To regulate a contaminant, the SDWA specifies the EPA must determine that:

1. The contaminant may have an adverse effect on the health of persons;
2. The contaminant is known to occur, or there is a substantial likelihood that the contaminant will occur, in public water systems with a frequency and at levels of public health concern; and

3. In the sole judgment of the Administrator, regulation of such contaminant presents meaningful opportunity for health risk reduction for persons served by public water systems.

B. What contaminants were listed on the previous Contaminant Candidate List?

The fourth CCL (CCL 4) was published on November 17, 2016 (81 FR 81099). CCL 4 included 97 chemicals or chemical groups and 12 microbial contaminants. The list includes, among others, chemicals used in commerce, pesticides, biological toxins, disinfection byproducts, pharmaceuticals, and waterborne pathogens. The list of contaminants included on CCL 4, and other information regarding the CCL, can be found on the internet at <https://www.epa.gov/ccl> and in the **Federal Register** notice for the final CCL 4 (81 FR 81099, November 17, 2016).

C. Why is the EPA soliciting contaminant nominations?

The EPA is conducting an evaluation of potential contaminants for inclusion on the draft CCL 5. The EPA is requesting public nominations for contaminants that are not currently regulated, to ensure that contaminants that may not be typically identified as part of the EPA's CCL process are considered. The National Academy of Sciences (NAS, 2001) and National Drinking Water Advisory Council (NDWAC, 2004) recommended to the EPA that the CCL be a data-driven, step-wise approach to classifying

contaminants. These experts also recognized the importance of providing an additional pathway for the public to identify new and emerging contaminants for the EPA to further evaluate. A public nomination process allows the EPA to consider new and emerging contaminants that might not otherwise be considered because new information may exist that the EPA is unaware of and/or the information may not have been widely reported or recorded.

III. The EPA CCL Nomination Process

This contaminant nomination process is the first opportunity for the public to make nominations for contaminants to be considered for the CCL 5. The EPA will also accept nominations during the notice and comment period following the EPA's publication of the draft CCL 5 in the **Federal Register**.

A. How can stakeholders, agencies, industry, and the public nominate contaminants for the CCL 5?

Interested parties can nominate chemicals, microbes, or other materials for consideration on the CCL 5 by sending information electronically through <http://www.regulations.gov>, by mail, or by hand delivery (see the **ADDRESSES** section of this notice). Do not submit confidential business information (CBI) to the EPA through <http://www.regulations.gov> or email. Submit comments that contain CBI only by mail or hand delivery, and clearly mark the part of or all the information that you claim to be CBI. In addition to one complete version of the comment that includes information claimed as CBI, a non-CBI copy of the comment that *does not* contain the information claimed as CBI must be submitted for inclusion in the public docket. Information so marked will not be disclosed except in accordance with procedures set forth in the *Code of Federal Regulations* at 40 CFR part 2.

When submitting a nomination, it is preferred that the nominators include a name, affiliation, phone number, mailing address, and email address; however, this information is not required and nominations can be submitted anonymously. The nominator should also address the following questions for each contaminant nominated to the CCL:

1. What is the contaminant's name, CAS number, and/or common synonym (if applicable)? Please do not nominate a contaminant that is already subject to a national primary drinking water regulation.
2. What are the data that you believe support the conclusion that the

contaminant is known or anticipated to occur in public water systems? For example, provide information that shows measured occurrence of the contaminant in drinking water or measured occurrence in sources of drinking water or provide information that shows the contaminant is released in the environment or is manufactured in large quantities and has a potential for contaminating sources of drinking water. Please provide the source of this information with complete citations for published information (*i.e.*, author(s), title, journal, and date) or contact information for the primary investigator.

3. What are the data that you believe support the conclusion that the contaminant may require regulation? For example, provide information that shows the contaminant may have an adverse health effect on the general population or that the contaminant is potentially harmful to subgroups that comprise a meaningful portion of the population (such as children, pregnant women, the elderly, individuals with a history of serious illness, or others). Please provide the source of this information with complete citations for published information (*i.e.*, author(s), title, journal, and date) or contact information for the primary investigator.

B. How do I submit nominations in hard copy?

You may submit nominations by mail or hand delivery. To allow full consideration of your nomination, please ensure that your nominations are received or postmarked by midnight December 4, 2018. The address for submittal of nominations by mail or hand delivery is listed in the **ADDRESSES** section of this document.

C. What will happen to my nominations after I submit them?

The EPA will evaluate the information available for the nominated contaminants to determine the appropriateness of inclusion on the CCL 5. The EPA does not intend to respond to the nominations directly or individually. The EPA will summarize the nominations received when the draft CCL 5 list is published in the **Federal Register**.

IV. References

Copies of these documents are found at <http://www.regulations.gov>, Docket ID No. EPA-HQ-OW-2018-0594.

NAS 2001. National Academy of Sciences, National Research Council. 2001. *Classifying Drinking Water Contaminants for Regulatory Consideration*. National Academy Press. Washington, DC. Available at <http://books.nap.edu/books/0309074088/html/>

[index.html](#).

NDWAC 2004. National Drinking Water Advisory Council. National Drinking Water Advisory Council Report on the CCL Classification Process to the U.S. Environmental Protection Agency, May 18, 2004. Available at <https://www.epa.gov/ccl/national-drinking-water-advisory-council-report-ccl-classification-process>.

Dated: September 27, 2018.

David P. Ross,

Assistant Administrator, Office of Water.

[FR Doc. 2018–21748 Filed 10–4–18; 8:45 am]

BILLING CODE 6560–50–P

ENVIRONMENTAL PROTECTION AGENCY

[FRL–9985–16–Region 4]

Public Water System Supervision Program Revision for the State of North Carolina

AGENCY: Environmental Protection Agency (EPA).

ACTION: Notice of intended approval.

SUMMARY: Notice is hereby given that the State of North Carolina is revising its approved Public Water System Supervision Program. North Carolina has adopted drinking water regulations for the Revised Total Coliform Rule. EPA has determined that North Carolina's regulations are no less stringent than the federal rule and the revision otherwise meets applicable Safe Drinking Water Act requirements. Therefore, EPA intends to approve this revision to the State of North Carolina's Public Water System Supervision Program.

DATES: Any interested person may request a public hearing. A request for a public hearing must be submitted by November 5, 2018, to the Regional Administrator at the EPA Region 4 street address shown below. The Regional Administrator may deny frivolous or insubstantial requests for a hearing. However, if a substantial request for a public hearing is made by November 5, 2018, a public hearing will be held. If no timely and appropriate request for a hearing is received and the Regional Administrator does not elect to hold a hearing on his own motion, this determination shall become final and effective on November 5, 2018. Any request for a public hearing shall include the following information: the name, address, and telephone number of the individual, organization, or other entity requesting a hearing; a brief statement of the requesting person's interest in the Regional Administrator's determination and a brief statement of

the information that the requesting person intends to submit at such hearing; and the signature of the individual making the request, or, if the request is made on behalf of an organization or other entity, the signature of a responsible official of the organization or other entity.

ADDRESSES: Documents relating to this determination are available for inspection between the hours of 9:00 a.m. and 4:00 p.m., Monday through Friday (excluding legal holidays) at the following offices: Public Water Supply Section, North Carolina Department of Environmental Quality, 512 North Salisbury Street, Archdale Building, Raleigh, North Carolina 27604; and the Drinking Water Section, U.S. Environmental Protection Agency, Region 4, 61 Forsyth Street SW, Atlanta, Georgia 30303.

FOR FURTHER INFORMATION CONTACT: Dale Froneberger, EPA Region 4, Drinking Water Section, by mail at the Atlanta street address given above, by telephone at (404) 562–9446, or by email at froneberger.dale@epa.gov.

SUPPLEMENTARY INFORMATION: The State of North Carolina has submitted a request that EPA approve a revision to the State's Safe Drinking Water Act Public Water System Supervision Program to include the authority to implement and enforce the Revised Total Coliform Rule. For the request to be approved, EPA must find the state regulations codified at Title 15A NCAC Subchapter 18C to be no less stringent than the federal rule codified at 40 CFR part 141. EPA reviewed North Carolina's application using the federal statutory provisions (Section 1413 of the Safe Drinking Water Act), federal regulations (at 40 CFR parts 141 and 142), state regulations, state policies and procedures for implementing the rule, regulatory crosswalk, and EPA regulatory guidance to determine whether the request for revision is approvable. EPA determined that the North Carolina regulations are no less stringent than the corresponding federal rule and the revision otherwise meets applicable Safe Drinking Water Act requirements. Therefore, EPA intends to approve this revision. If EPA does not receive a timely and appropriate request for a hearing and the Regional Administrator does not elect to hold a hearing on his own motion, this approval shall become final and effective on November 5, 2018.

Authority: Section 1413 of the Safe Drinking Water Act, as amended (1996), and 40 CFR part 142.

Dated: September 25, 2018.

Onis “Trey” Glenn, III,

Regional Administrator, Region 4.

[FR Doc. 2018–21752 Filed 10–4–18; 8:45 am]

BILLING CODE 6560–50–P

ENVIRONMENTAL PROTECTION AGENCY

[EPA–HQ–OPPT–2017–0586; FRL–9983–38]

A Working Approach for Identifying Potential Candidate Chemicals for Prioritization; Notice of Availability

AGENCY: Environmental Protection Agency (EPA).

ACTION: Notice.

SUMMARY: This Notice announces the availability of a document: *A Working Approach for Identifying Potential Candidate Chemicals for Prioritization*. The document lays out EPA's near-term approach for identifying potential chemicals for prioritization, the initial step in evaluating the safety of existing chemicals under the Toxic Substances Control Act (TSCA). The document also includes a longer-term risk-based approach for considering the larger TSCA active chemical universe. EPA is opening a public docket to accept comments on this approach, which will inform a public meeting to be held in early 2019. This docket will remain open until November 15, 2018. In a related but separate action, EPA is opening 74 public dockets, one for each of the 73 remaining chemicals on the 2014 Update to the TSCA Work Plan for Chemical Assessments that have not received manufacturer requests for EPA evaluation and an additional general docket for chemicals not on the Work Plan. These dockets will be open until December 1, 2019.

FOR FURTHER INFORMATION CONTACT:

For technical information on A Working Approach for Identifying Potential Candidate Chemicals for Prioritization document contact: Susanna Blair, Office of Pollution Prevention and Toxics, Environmental Protection Agency, 1200 Pennsylvania Ave. NW, Washington, DC 20460–0001; telephone number: (202) 564–4371; email address: susanna.blair@epa.gov.

For general information contact: The TSCA–Hotline, ABVI–Goodwill, 422 South Clinton Ave., Rochester, NY 14620; telephone number: (202) 554–1404; email address: TSCA-Hotline@epa.gov.

SUPPLEMENTARY INFORMATION:

From: Jimmy Liu [liu@fien.com]
Sent: 10/5/2018 9:44:17 PM
To: liu@fien.com
CC: Forrest, Kesha [Forrest.Kesha@epa.gov]
Subject: Current Unregulated Drinking Water Contaminants Which May Require Regulation - EPA is requesting nominations of chemical and microbial contaminants that are not currently regulated, for possible inclusion on the fifth drinking water Contaminant ...

Current Unregulated Drinking Water Contaminants Which May Require Regulation - The EPA is requesting "... nominations of chemical and microbial contaminants that are not currently regulated, for possible inclusion on the fifth drinking water Contaminant Candidate List. The EPA requests that nominations include information showing the nominated contaminant is known or anticipated to occur in public water systems and indicating the nominated contaminant may require regulation due to the potential for adverse effects on the health of persons ..."

Document Title: The title of the October 5, 2018 EPA Federal Register Notice is "Request for Nominations of Drinking Water Contaminants for the Fifth Contaminant Candidate List"

Organization: The October 5, 2018 Federal Register Notice was signed on September 27, 2018 by David P. Ross who is the Assistant Administrator of the EPA Office of Water

Source: October 5, 2018 EPA Federal Register Notice

Comments Due By: Nominations must be received on or before December 4, 2018

Web site: The October 5, 2018 EPA Federal Register Notice is posted at <http://www.gpo.gov/fdsys/pkg/FR-2018-10-05/html/2018-21748.htm>

Additional information about the drinking water Contaminant Candidate List and the Regulatory Determinations process is available at <http://www.epa.gov/ccl>

Contact: Questions may be directed to Kesha Forrest who is with the Standards and Risk Management Division of the EPA Office of Ground Water and Drinking Water at 202 564 3632; e-mail: Forrest.Kesha@EPA.gov

Summary: The following information is taken from the October 5, 2018 EPA Federal Register Notice:

II. Background

A. What is the CCL?

The CCL is a list of contaminants that are currently not subject to any proposed or promulgated national primary drinking water regulations, that are known or anticipated to occur in public water systems, and which may require regulation under the Safe Drinking Water Act (SDWA). The EPA uses this list of unregulated contaminants to prioritize research and data collection efforts to help the Agency determine whether to regulate a specific contaminant. The SDWA requires that the EPA publish the CCL every five years (SDWA Sec. 1412(b)(1)). The EPA is also required to consult with the scientific community, including the Science Advisory Board, and provide notice and opportunity for public comment prior to publication of the final CCL.

The SDWA also requires the EPA to determine whether to regulate at least five contaminants from the CCL every five years (SDWA Sec. 1412(b)(1)). To regulate a contaminant, the SDWA specifies the EPA must determine that:

1. The contaminant may have an adverse effect on the health of persons;
2. The contaminant is known to occur, or there is a substantial likelihood that the contaminant will occur, in public water systems with a frequency and at levels of public health concern; and
3. In the sole judgment of the Administrator, regulation of such contaminant presents meaningful opportunity for health risk reduction for persons served by public water systems.

#####

Go to the EPA Federal Register Notice for additional information and details.

#####

This article (#44497) was distributed by e-mail on October 5, 2018 to those whose names are on the FIEN, LLC Subject Matter Distribution Lists for Drinking Water; Hazardous Substances Management; Risk Assessment and Communication

-end-

The above information was sent to you by Jimmy Liu of the Food Industry Environmental Network, LLC --

- <http://www.fien.com> --- mobile: 240 476 5958 --- e-mail: liu@fien.com

* Messages prefaced with [SFM] are FIEN Shortened Messages which are distinguished from FIEN Traditional Messages as described at <http://www.fien.com/SFM.php>

* The Searchable Index of Previously Distributed FIEN Messages is available at http://www.fien.com/login/logins.php?RELOAD=/search_article.php

Message

From: Flaharty, Stephanie [Flaharty.Stephanie@epa.gov]
Sent: 10/2/2018 6:58:07 PM
To: Perkinson, Russ [Perkinson.Russ@epa.gov]
CC: Forrest, Kesha [Forrest.Kesha@epa.gov]; Huff, Lisa [Huff.Lisa@epa.gov]
Subject: FW: FR Dailies: Request for Nominations of Drinking Water Contaminants for the Fifth Contaminant Candidate List is about to publish in the FR.

Your document is about to publish in the Federal Register. This publication date has been confirmed with the Office of the Federal Register.

Title: Request for Nominations of Drinking Water Contaminants for the Fifth Contaminant Candidate List

FRL #: 9985-17-OW

Docket #: EPA-HQ-OW-2018-0594

Published Date: 10/05/2018

Message

From: Stephanie Washington [Washington.Stephanie@epamail.epa.gov]
Sent: 10/2/2018 6:52:09 PM
To: Flaharty, Stephanie [Flaharty.Stephanie@epa.gov]; Forrest, Kesha [Forrest.Kesha@epa.gov]; Brooks, Patricia [Brooks.Patricia@epa.gov]
Subject: FR Dailies: Request for Nominations of Drinking Water Contaminants for the Fifth Contaminant Candidate List is about to publish in the FR.

Importance: High

Your document is about to publish in the Federal Register. This publication date has been confirmed with the Office of the Federal Register.

Title: Request for Nominations of Drinking Water Contaminants for the Fifth Contaminant Candidate List

FRL #: 9985-17-OW

Docket #: EPA-HQ-OW-2018-0594

Published Date: 10/05/2018

Message

From: Perkinson, Russ [Perkinson.Russ@epa.gov]
Sent: 8/21/2018 3:56:17 PM
To: Messier, Dawn [Messier.Dawn@epa.gov]
CC: Flaharty, Stephanie [Flaharty.Stephanie@epa.gov]; Forrest, Kesha [Forrest.Kesha@epa.gov]
Subject: This should be the last of this
Attachments: CCL 5 Request for Nominations FRN_Final_8 17 18.v2.docx; CCL5 Nominations FRN Compare to previous DMM version.docx

Dawn – We don't expect any more changes. I'm attaching a new clean one. Also, there is a file comparing this one to the previous version you sent me by email on 8-16-18.

In the CBI part, we found a sentence obsolete that was no longer included in the docket center website language, so that is the reason for that one sentence being struck about submitting CDs.

Sorry for multiple iterations!

Russ

Message

From: Perkinson, Russ [Perkinson.Russ@epa.gov]
Sent: 8/17/2018 7:48:16 PM
To: Forrest, Kesha [Forrest.Kesha@epa.gov]
Subject: Take #2 FRNs
Attachments: CCL 5 Request for Nominations FRN_Final_8-17-18 w EB CR.DOCX; CCL 5 Request for Nominations FRN_Final_8-17-18 w EB CR clean.docx

Message

From: Perkinson, Russ [Perkinson.Russ@epa.gov]
Sent: 8/16/2018 7:45:28 PM
To: Forrest, Kesha [Forrest.Kesha@epa.gov]
Subject: FW: CCL 5 Nominations Final Draft
Attachments: CCL 5 Request for Nominations FRN_Final_8-14-18 markupDMM.docx

Kesha – Let's talk about the question she has about Crystal's change to the CBI part. We need to look at that together for a couple of minutes. I'm in tomorrow. Are you in then or if working from home can we talk by phone?

I'm here till 4:30 today.

Russ

From: Messier, Dawn
Sent: Thursday, August 16, 2018 12:39 PM
To: Perkinson, Russ <Perkinson.Russ@epa.gov>
Subject: RE: CCL 5 Nominations Final Draft

Sorry! Here it is.

Dawn Messier
U.S.E.P.A.
Office of General Counsel
Water Law Office
202-564-5517

From: Perkinson, Russ
Sent: Thursday, August 16, 2018 12:37 PM
To: Messier, Dawn <Messier.Dawn@epa.gov>
Subject: RE: CCL 5 Nominations Final Draft

Sure – I'll need the attachment from you.
Thanks,
Russ

From: Messier, Dawn
Sent: Thursday, August 16, 2018 12:31 PM
To: Perkinson, Russ <Perkinson.Russ@epa.gov>
Subject: RE: CCL 5 Nominations Final Draft

I had a couple of small edits and one question for you. Send me back the clean version and I will send you the concurrence asap. Thanks. Dawn

(Sorry I was out of the office and just got back today.... Hope my out of office greeting was working.)

Dawn Messier
U.S.E.P.A.
Office of General Counsel
Water Law Office
202-564-5517

From: Perkinson, Russ
Sent: Tuesday, August 14, 2018 4:22 PM
To: Messier, Dawn <Messier.Dawn@epa.gov>
Cc: Forrest, Kesha <Forrest.Kesha@epa.gov>
Subject: CCL 5 Nominations Final Draft

Dawn – Sorry to have to run this final version past you. There were some changes made, mostly by Eric Burneson, since you reviewed the last one.

I'm sending two file copies – (1) with markup so you can see what changed since you last reviewed, (2) a clean copy.

We need a clean OGC concurrence memo along with any further edits you have as soon as possible.

Thanks,
Russ

Russ Perkinson
U.S. Environmental Protection Agency
Office of Ground Water and Drinking Water
1200 Pennsylvania Ave., NW
Mail Code 4607M
Washington, DC 20460
perkinson.russ@epa.gov
Phone: (202) 564-4901

Message

From: Perkinson, Russ [Perkinson.Russ@epa.gov]
Sent: 8/14/2018 8:22:07 PM
To: Messier, Dawn [Messier.Dawn@epa.gov]
CC: Forrest, Kesha [Forrest.Kesha@epa.gov]
Subject: CCL 5 Nominations Final Draft
Attachments: CCL 5 Request for Nominations FRN_Final_8-14-18 markup.docx; CCL 5 Request for Nominations FRN_Final_8-14-18 clean.docx

Dawn – Sorry to have to run this final version past you. There were some changes made, mostly by Eric Burneson, since you reviewed the last one.

I'm sending two file copies – (1) with markup so you can see what changed since you last reviewed, (2) a clean copy.

We need a clean OGC concurrence memo along with any further edits you have as soon as possible.

Thanks,
Russ

Russ Perkinson
U.S. Environmental Protection Agency
Office of Ground Water and Drinking Water
1200 Pennsylvania Ave., NW
Mail Code 4607M
Washington, DC 20460
perkinson.russ@epa.gov
Phone: (202) 564-4901

From: Forrest, Kesha
Sent: Thursday, August 09, 2018 5:27 PM
To: Huff, Lisa <Huff.Lisa@epa.gov>
Subject: Emailing: DRAFT EB to PG CCL5 Nominations transmittal memo 08-03-18, DRAFT PG to DR Nominations transmittal memo 08-03-18, fr-cover-form-CCL 5 nominations FRN, CCL 5 Request for Nominations FRN_Final, CCL 5_Action Information 8 3 18, disk certification le

Hi Lisa,

Please find attached the drafts for the CCL nominations package. I have some questions for Stephanie that I have marked in the hard copy blue folder. I am not sure if there is a different template for the Peter to Dave Ross memo.

Thanks,
Kesha

Your message is ready to be sent with the following file or link attachments:

DRAFT EB to PG CCL5 Nominations transmittal memo 08-03-18 DRAFT PG to DR Nominations transmittal memo 08-03-18 fr-cover-form-CCL 5 nominations FRN CCL 5 Request for Nominations FRN_Final CCL 5_Action Information 8 3 18 disk certification letter nominations ccl 5 draft

Note: To protect against computer viruses, e-mail programs may prevent sending or receiving certain types of file attachments. Check your e-mail security settings to determine how attachments are handled.

Associate Branch Chief
Targeting and Analysis Branch
Standards and Risk Management Division
Office of Groundwater and Drinking Water U.S. EPA EPA East Bldg. Rm. 2357 H
202-566-0787

-----Original Message-----

From: Forrest, Kesha
Sent: Thursday, August 09, 2018 5:27 PM
To: Huff, Lisa <Huff.Lisa@epa.gov>
Subject: Emailing: DRAFT EB to PG CCL5 Nominations transmittal memo 08-03-18, DRAFT PG to DR Nominations transmittal memo 08-03-18, fr-cover-form-CCL 5 nominations FRN, CCL 5 Request for Nominations FRN_Final, CCL 5_Action Information 8 3 18, disk certification le

Hi Lisa,

Please find attached the drafts for the CCL nominations package. I have some questions for Stephanie that I have marked in the hard copy blue folder. I am not sure if there is a different template for the Peter to Dave Ross memo.

Thanks,
Kesha

Your message is ready to be sent with the following file or link attachments:

DRAFT EB to PG CCL5 Nominations transmittal memo 08-03-18 DRAFT PG to DR Nominations transmittal memo 08-03-18 fr-cover-form-CCL 5 nominations FRN CCL 5 Request for Nominations FRN_Final CCL 5_Action Information 8 3 18 disk certification letter nominations ccl 5 draft

Note: To protect against computer viruses, e-mail programs may prevent sending or receiving certain types of file attachments. Check your e-mail security settings to determine how attachments are handled.

DRAFT EB to PG CCL5 Nominations transmittal memo 08-03-18 DRAFT PG to DR Nominations transmittal memo 08-03-18 fr-cover-form-CCL 5 nominations FRN CCL 5 Request for Nominations FRN_Final CCL 5_Action Information 8 3 18 disk certification letter nominations ccl 5 draft

Note: To protect against computer viruses, e-mail programs may prevent sending or receiving certain types of file attachments. Check your e-mail security settings to determine how attachments are handled.

Message

From: Forrest, Kesha [Forrest.Kesha@epa.gov]
Sent: 8/7/2018 9:31:49 PM
To: Forrest, Kesha [Forrest.Kesha@epa.gov]
Subject: Emailing: 2016-action-information-template, CCL 5 v11 Nominations_8 7 18 , disk certification letter nominations ccl 5, Docket Creation Request Form_New_CCL 5, DRAFT EB to PG CCL5 Nominations transmittal memo 08-03-18, DRAFT PG to DR Nominations transmitt
Attachments: 2016-action-information-template.doc; CCL 5 v11 Nominations_8 7 18 .docx; disk certification letter nominations ccl 5.docx; Docket Creation Request Form_New_CCL 5.docx; DRAFT EB to PG CCL5 Nominations transmittal memo 08-03-18.docx; DRAFT PG to DR Nominations transmittal memo 08-03-18.docx; typesetting request form.pdf; routingslip.doc; OW Federal Register Package Checklist.5.15.2018.doc

Your message is ready to be sent with the following file or link attachments:

2016-action-information-template
CCL 5 v11 Nominations_8 7 18
disk certification letter nominations ccl 5
Docket Creation Request Form_New_CCL 5
DRAFT EB to PG CCL5 Nominations transmittal memo 08-03-18
DRAFT PG to DR Nominations transmittal memo 08-03-18
typesetting request form

Note: To protect against computer viruses, e-mail programs may prevent sending or receiving certain types of file attachments. Check your e-mail security settings to determine how attachments are handled.

Message

From: Perkinson, Russ [Perkinson.Russ@epa.gov]
Sent: 7/31/2018 3:57:42 PM
To: Messier, Dawn [Messier.Dawn@epa.gov]
CC: Forrest, Kesha [Forrest.Kesha@epa.gov]
Subject: CCL 5 Nominations FRN
Attachments: CCL 5 v10 Nominations 7-31-18.docx

Dawn – Thank you for agreeing to review this so we can start the process rolling for CCL 5 !

Let us know if you have questions.

Regards,
Russ

Russ Perkinson
U.S. Environmental Protection Agency
Office of Ground Water and Drinking Water
1200 Pennsylvania Ave., NW
Mail Code 4607M
Washington, DC 20460
perkinson.russ@epa.gov
Phone: (202) 564-4901

Message

From: Perkinson, Russ [Perkinson.Russ@epa.gov]
Sent: 7/31/2018 3:17:19 PM
To: Flaharty, Stephanie [Flaharty.Stephanie@epa.gov]
CC: Forrest, Kesha [Forrest.Kesha@epa.gov]
Subject: FW: CCL 5 Nominations draft FRN
Attachments: CCL 5 v10 Nominations 7-31-18.docx

Steph – Will that was certainly quick ! Thanks much.
Russ

From: Flaharty, Stephanie
Sent: Tuesday, July 31, 2018 11:05 AM
To: Perkinson, Russ <Perkinson.Russ@epa.gov>
Subject: RE: CCL 5 Nominations draft FRN

Here you go Russ....

From: Perkinson, Russ
Sent: Tuesday, July 31, 2018 9:01 AM
To: Flaharty, Stephanie <Flaharty.Stephanie@epa.gov>
Cc: Forrest, Kesha <Forrest.Kesha@epa.gov>
Subject: CCL 5 Nominations draft FRN

Steph – Could you mark-up this CCL 5 nominations FRN for Kesha and me before we send it to OGC?

Thanks,
Russ

Message

From: Perkinson, Russ [Perkinson.Russ@epa.gov]
Sent: 7/31/2018 1:01:23 PM
To: Flaharty, Stephanie [Flaharty.Stephanie@epa.gov]
CC: Forrest, Kesha [Forrest.Kesha@epa.gov]
Subject: CCL 5 Nominations draft FRN
Attachments: CCL 5 v9 Nominations 7-31-18.docx

Steph – Could you mark-up this CCL 5 nominations FRN for Kesha and me before we send it to OGC?

Thanks,
Russ

Message

From: Perkinson, Russ [Perkinson.Russ@epa.gov]
Sent: 7/26/2018 12:05:25 PM
To: Forrest, Kesha [Forrest.Kesha@epa.gov]
Subject: Here's what I have
Attachments: nonrulefrtemp-comm07-17-15 CCL5 v7.docx

Need to discuss a few things.

From: Huff, Lisa
Sent: Wednesday, July 11, 2018 11:50 AM
To: Townsend, Clifton <Townsend.Clifton@epa.gov>
Subject: CCL FRN draft package

Clifton,
Hope you are settling in over in your new job in OCSP. Could please send me all the files you prepared for the CCL5 nominations FRN package. Did you save that to the network? And actually I need to find out where you saved the rest of your files such as for perchlorate?

Thanks,

Lisa Foersom Huff

Associate Branch Chief
Targeting and Analysis Branch
Standards and Risk Management Division
Office of Groundwater and Drinking Water
U.S. EPA
EPA East Bldg. Rm. 2357 H
202-566-0787

Message

From: Forrest, Kesha [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=EEAAB38A1BD24D20A1111C6F4506A95B-KFORREST]
Sent: 12/4/2018 9:38:01 PM
To: Akram, Assem [Akram.Assem@epa.gov]
Subject: FW: AMWA Comment Letter to EPA on Fifth Contaminant Candidate List
Attachments: Association of Metropolitan Water Agencies Comment Letter for EPA-HQ-OW-2018-0594.pdf; ATT00001.htm

Hi Assem,

We received this comment that was sent directly to the Administrator. What is the procedure for having this included in the docket (EPA-HQ-OW-2018-0594)? Do we go through you to have the comment posted or do we upload it directly into FDMS?

Thanks
Kesha

Kesha Forrest
US Environmental Protection Agency
Office of Ground Water and Drinking Water
Standards and Risk Management Division, Targeting and Analysis Branch
WJC East 2227 L

TEL: 202.564.3632

forrest.kesha@epa.gov

From: Huff, Lisa
Sent: Tuesday, December 04, 2018 7:59 AM
To: Albert, Ryan <Albert.Ryan@epa.gov>; Forrest, Kesha <Forrest.Kesha@epa.gov>
Subject: Fwd: AMWA Comment Letter to EPA on Fifth Contaminant Candidate List

Begin forwarded message:

From: "Flaharty, Stephanie" <Flaharty.Stephanie@epa.gov>
Date: December 4, 2018 at 7:01:14 AM EST
To: "Huff, Lisa" <Huff.Lisa@epa.gov>
Subject: FW: AMWA Comment Letter to EPA on Fifth Contaminant Candidate List

Lisa, This letter should go in the docket... Thanks!

From: Campbell, Ann
Sent: Monday, December 03, 2018 3:57 PM
To: Grevatt, Peter <Grevatt.Peter@epa.gov>; Mclain, Jennifer <Mclain.Jennifer@epa.gov>; Burneson, Eric <Burneson.Eric@epa.gov>

Cc: Tiago, Joseph <Tiago.Joseph@epa.gov>; Flaharty, Stephanie <Flaharty.Stephanie@epa.gov>

Subject: FW: AMWA Comment Letter to EPA on Fifth Contaminant Candidate List

Ann Campbell
Chief of Staff (acting)
Office of Water

From: Stephanie Hayes Schlea [<mailto:schlea@amwa.net>]

Sent: Monday, December 03, 2018 2:25 PM

To: Ross, David P <ross.davidp@epa.gov>

Cc: Diane VanDe Hei <vandehei@amwa.net>

Subject: AMWA Comment Letter to EPA on Fifth Contaminant Candidate List

On behalf of the Association of Metropolitan Water Agencies, please find attached AMWA's comment letter submitted today to the Environmental Protection Agency regarding the Fifth Contaminant Candidate List. Please let me know if you have any questions or comments.

Stephanie Hayes Schlea
Manager, Regulatory and Scientific Affairs
Association of Metropolitan Water Agencies
Office: 202.331.2820
1620 I Street NW Suite 500
Washington, DC 20006
<http://www.amwa.net/>

Message

From: Forrest, Kesha [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=EEAAB38A1BD24D20A1111C6F4506A95B-KFORREST]
Sent: 8/20/2018 1:03:53 PM
To: Flaharty, Stephanie [Flaharty.Stephanie@epa.gov]
CC: Huff, Lisa [Huff.Lisa@epa.gov]; Rodgers-Jenkins, Crystal [Rodgers-Jenkins.Crystal@epa.gov]
Subject: RE: CCL 5 Request for Public Nominations - FRN
Attachments: CCL 5 Request for Nominations FRN_Final_8 17 18.docx; CCL 5 Nominations transmittal memo from PG to DR_Final.docx; CCL 5_Action Information_Final.doc; fr-cover-form-CCL 5 nominations FRN.pdf

Hi Steph,

Please find attached the electronic version of the documents included in the CCL 5 nominations FRN package.

Thanks,
Kesha

Kesha Forrest
US Environmental Protection Agency
Office of Ground Water and Drinking Water
Standards and Risk Management Division, Targeting and Analysis Branch
WJC East 2227 L

TEL: 202.564.3632

forrest.kesha@epa.gov

From: Rodgers-Jenkins, Crystal
Sent: Friday, August 17, 2018 5:26 PM
To: Flaharty, Stephanie <Flaharty.Stephanie@epa.gov>
Cc: Huff, Lisa <Huff.Lisa@epa.gov>; Forrest, Kesha <Forrest.Kesha@epa.gov>; Burneson, Eric <Burneson.Eric@epa.gov>
Subject: CCL 5 Request for Public Nominations - FRN

Hi Steph,

I placed the CCL 5 Request for Public Nominations FRN package on your chair. We've included the attached background document for Dave in the package. As I've written on the post it note, we'd be happy to brief Dave if Peter/Jennifer thinks we should.

@Kesha, please send Steph the electronic versions of the document included in the package.

Thanks,
Crystal

From: Rodgers-Jenkins, Crystal
Sent: Friday, August 17, 2018 4:51 PM
To: Huff, Lisa <Huff.Lisa@epa.gov>
Cc: Forrest, Kesha <Forrest.Kesha@epa.gov>
Subject: RE: CCL 1-pager

Thanks Lisa. My comments are attached.

From: Huff, Lisa
Sent: Thursday, August 16, 2018 5:17 PM
To: Rodgers-Jenkins, Crystal <Rodgers-Jenkins.Crystal@epa.gov>
Cc: Forrest, Kesha <Forrest.Kesha@epa.gov>
Subject: CCL 1-pager

Crystal,

Attached is the draft one-pager on CCL to give Dave Ross background for his review of the CCL nominations FRN package since he has not been briefed on CCL. I'm cc'g Kesha so if you have questions or would like edits made she can assist – this draft had been developed by Clifton and reviewed/revised by me prior to Kesha starting as the acting team lead.

Lisa Foersom Huff

Associate Branch Chief
Targeting and Analysis Branch
Standards and Risk Management Division
Office of Groundwater and Drinking Water
U.S. EPA
EPA East Bldg. Rm. 2357 H
202-566-0787

Hi Lisa,

Please find attached the drafts for the CCL nominations package. I have some questions for Stephanie that I have marked in the hard copy blue folder. I am not sure if there is a different template for the Peter to Dave Ross memo.

Thanks,
Kesha

Your message is ready to be sent with the following file or link attachments:

DRAFT EB to PG CCL5 Nominations transmittal memo 08-03-18 DRAFT PG to DR Nominations transmittal memo 08-03-18 fr-cover-form-CCL 5 nominations FRN CCL 5 Request for Nominations FRN_Final CCL 5_Action Information 8 3 18 disk certification letter nominations ccl 5 draft

Note: To protect against computer viruses, e-mail programs may prevent sending or receiving certain types of file attachments. Check your e-mail security settings to determine how attachments are handled.

Message

From: Forrest, Kesha [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=EEAAB38A1BD24D20A1111C6F4506A95B-KFORREST]
Sent: 8/14/2018 5:39:55 PM
To: Perkinson, Russ [perkinson.russ@epa.gov]
Subject: FW: Emailing: DRAFT EB to PG CCL5 Nominations transmittal memo 08-03-18, DRAFT PG to DR Nominations transmittal memo 08-03-18, fr-cover-form-CCL 5 nominations FRN, CCL 5 Request for Nominations FRN_Final, CCL 5_Action Information 8 3 18, disk certificatio
Attachments: CCL 5 Request for Nominations FRN_Final_cr-j_EGB.docx; DRAFT EB to PG CCL5 Nominations transmittal memo 08-03-18_cr-j_EGB_LH.docx

The email from Eric had to attachments that were the same. I have removed them and replaced because Lisa had made an additional edit to Crystal's version. The changes in the memo from Eric to Peter will need to be transferred to the memo from PG to Dave R.

Let me know if you have questions or if you need to hand it back over to me.

Thanks,
Kesha

-----Original Message-----

From: Burneson, Eric
Sent: Monday, August 13, 2018 5:07 PM
To: Rodgers-Jenkins, Crystal <Rodgers-Jenkins.Crystal@epa.gov>; Huff, Lisa <Huff.Lisa@epa.gov>
Cc: Forrest, Kesha <Forrest.Kesha@epa.gov>; Christ, Lisa <Christ.Lisa@epa.gov>
Subject: RE: Emailing: DRAFT EB to PG CCL5 Nominations transmittal memo 08-03-18, DRAFT PG to DR Nominations transmittal memo 08-03-18, fr-cover-form-CCL 5 nominations FRN, CCL 5 Request for Nominations FRN_Final, CCL 5_Action Information 8 3 18, disk certificatio

I have reviewed the notice and the transmittal memo from me to Peter and provided my comments in track changes in addition to those provided by Crystal. Please make conforming changes to the memo from Peter to Dave.

My edits are to improve clarity and stick more closely to the SDWA language for CCL. Please let me know if you have any questions or concerns.

-----Original Message-----

From: Rodgers-Jenkins, Crystal
Sent: Friday, August 10, 2018 4:36 PM
To: Huff, Lisa <Huff.Lisa@epa.gov>
Cc: Forrest, Kesha <Forrest.Kesha@epa.gov>; Christ, Lisa <Christ.Lisa@epa.gov>; Burneson, Eric <Burneson.Eric@epa.gov>
Subject: RE: Emailing: DRAFT EB to PG CCL5 Nominations transmittal memo 08-03-18, DRAFT PG to DR Nominations transmittal memo 08-03-18, fr-cover-form-CCL 5 nominations FRN, CCL 5 Request for Nominations FRN_Final, CCL 5_Action Information 8 3 18, disk certificatio

Lisa,

I reviewed the FRN, and 2 transmittal memos (EB to PG and PG to DR). Eric will likely not get a chance to begin his review today. He may have additional comments next week.

Take care,
Crystal

-----Original Message-----

From: Huff, Lisa
Sent: Friday, August 10, 2018 2:07 PM
To: Burneson, Eric <Burneson.Eric@epa.gov>
Cc: Rodgers-Jenkins, Crystal <Rodgers-Jenkins.Crystal@epa.gov>; Forrest, Kesha <Forrest.Kesha@epa.gov>; Christ, Lisa <Christ.Lisa@epa.gov>
Subject: FW: Emailing: DRAFT EB to PG CCL5 Nominations transmittal memo 08-03-18, DRAFT PG to DR Nominations transmittal memo 08-03-18, fr-cover-form-CCL 5 nominations FRN, CCL 5 Request for Nominations FRN_Final, CCL 5_Action Information 8 3 18, disk certificatio

Eric,
Attached are all the documents that Kesha has put together for the FRN requesting nominations for the CCL 5. OGC has provided initial concurrence on the FRN but we will request their formal concurrence after

you complete your review in case you have any suggested edits. Steph has reviewed the package initially and will do so again before it goes to Peter for his review.

I am also attaching a one-page backgrounder that you had mentioned could be helpful for Dave Ross as any questions. Ex. 5 Deliberative Process (DP) Let me know if you have

Thanks,

Lisa Foersom Huff

Associate Branch Chief
Targeting and Analysis Branch
Standards and Risk Management Division
Office of Groundwater and Drinking Water U.S. EPA EPA East Bldg. Rm. 2357 H
202-566-0787

-----Original Message-----

From: Forrest, Kesha
Sent: Thursday, August 09, 2018 5:27 PM
To: Huff, Lisa <Huff.Lisa@epa.gov>
Subject: Emailing: DRAFT EB to PG CCL5 Nominations transmittal memo 08-03-18, DRAFT PG to DR Nominations transmittal memo 08-03-18, fr-cover-form-CCL 5 nominations FRN, CCL 5 Request for Nominations FRN_Final, CCL 5_Action Information 8 3 18, disk certification 1e

Hi Lisa,

Please find attached the drafts for the CCL nominations package. I have some questions for Stephanie that I have marked in the hard copy blue folder. I am not sure if there is a different template for the Peter to Dave Ross memo.

Thanks,
Kesha

Your message is ready to be sent with the following file or link attachments:

DRAFT EB to PG CCL5 Nominations transmittal memo 08-03-18 DRAFT PG to DR Nominations transmittal memo 08-03-18 fr-cover-form-CCL 5 nominations FRN CCL 5 Request for Nominations FRN_Final CCL 5_Action Information 8 3 18 disk certification letter nominations ccl 5 draft

Note: To protect against computer viruses, e-mail programs may prevent sending or receiving certain types of file attachments. Check your e-mail security settings to determine how attachments are handled.

Message

From: Forrest, Kesha [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=EAAAB38A1BD24D20A1111C6F4506A95B-KFORREST]
Sent: 8/2/2018 8:28:06 PM
To: Akram, Assem [Akram.Assem@epa.gov]
Subject: FW: Docket year established
Attachments: Docket Creation Request Form for CCL 5 nominations.xls

Hi Assem,

We are in the process of completing a FRN to take nominations for the 5th Contaminant Candidate List (CCL 5). We will have a nominations FRN and later will have a Draft list FRN, both with comment periods. We would like to have one overarching docket titled "Drinking Water Contaminant Candidate List 5 (CCL 5)" and have different phases for the nominations, draft, and final. Is this possible and are there any concerns we should be aware of when using this approach?

I have attached the draft Docket Request form but not sure how to fill out lines 6, 9, & 19.

Thanks
Kesha

Kesha Forrest
US Environmental Protection Agency
Office of Ground Water and Drinking Water
Standards and Risk Management Division, Targeting and Analysis Branch
WJC East 2227 L

TEL: 202.564.3632

forrest.kesha@epa.gov

From: Perkinson, Russ
Sent: Wednesday, August 01, 2018 12:08 PM
To: Forrest, Kesha <Forrest.Kesha@epa.gov>
Subject: Docket year established

FYI - CCL 4 docket has a 2012 number. CCL 3 is 2007.

For a CCL 5 docket, we'd need to set up the 1st phase for nominations, then later the 2nd phase for draft, 3rd phase for final.

Message

From: Forrest, Kesha [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=EEAAB38A1BD24D20A1111C6F4506A95B-KFORREST]
Sent: 7/30/2018 12:27:30 PM
To: Perkinson, Russ [perkinson.russ@epa.gov]
Subject: CCL 5 v8 Nominations 7-26-18_kcf
Attachments: CCL 5 v8 Nominations 7-26-18_kcf.docx

Hi Russ,

I reviewed the latest CCL Nomination FRN. Looks good. Take a look at my comments and minor edits. Please feel free to clean it up and forward to Stephanie. My last comment is just something for us to discuss later. I need to get an understanding of all the support documentation.

Thanks
Kesha

Kesha Forrest
US Environmental Protection Agency
Office of Ground Water and Drinking Water
Standards and Risk Management Division, Targeting and Analysis Branch
WJC East 2227 L

TEL: 202.564.3632

forrest.kesha@epa.gov

Message

From: Forrest, Kesha [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=EEAAB38A1BD24D20A1111C6F4506A95B-KFORREST]
Sent: 7/27/2018 11:09:56 PM
To: **Ex. 6 PP / Ex. 7(C)**
Subject: FW: New CCL 5 Nominations FR draft
Attachments: CCL 5 v8 Nominations 7-26-18.docx

From: Perkinson, Russ
Sent: Thursday, July 26, 2018 9:48 AM
To: Forrest, Kesha <Forrest.Kesha@epa.gov>
Subject: New CCL 5 Nominations FR draft

Message

From: Forrest, Kesha [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=EEAAB38A1BD24D20A1111C6F4506A95B-KFORREST]
Sent: 7/19/2018 1:17:11 PM
To: Perkinson, Russ [perkinson.russ@epa.gov]
Subject: CCL 5 Nominations FRN
Attachments: Draft CCL 5 nominations v5 rp_KCF.docx; Comparision of CCL 4 and CCL 5 nominations FRN outlines.docx

Hi Russ,

As discussed, I am sending you may edits/suggestions on the CCL 5 nominations FRN. Please move forward with putting a new draft into the latest template. If you have additional edits, I will let you decide on the best way to present those (i.e. in the current redline doc or in the new doc). As I mentioned, Lisa will be out of the office July 25 -31. We should have her a clean FRN to review by Aug 1.

Great job cutting historical information. It was good to know we were on the same page with that idea.

I provided Lisa with a comparison outline of the CCL 4 nominations and CCL 5 nomination FRN. Attaching it as an FYI.

Please let me know if you have any questions. I will be in by noon on Monday.

Thanks,
Kesha